SHELDON QUICK DELIVERY FURNITURE

One table, or a complete classroom...

SHELDON CAN DELIVER IN JUST 30 DAYS

Expansion, modernization and room additions have become increasingly important phases of today's school and college building and growth programs. Keeping pace with increased enrollments, new teaching methods and the dissemination of new scientific and cultural knowledge often pose the problem of on-time delivery and installation of specialized equipment to meet tight construction schedules and school opening dates.

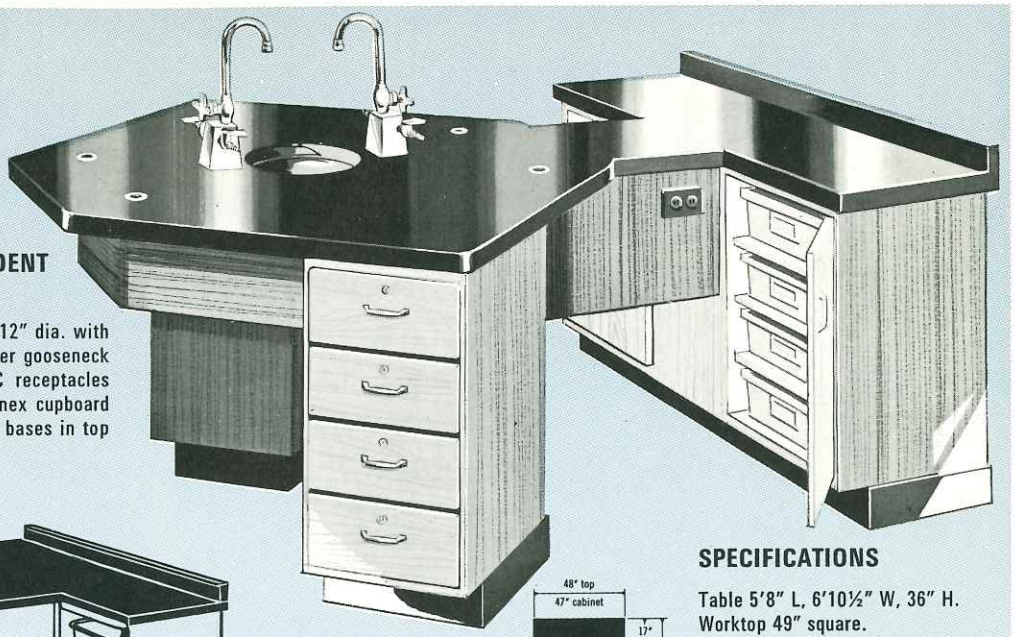
Since 1898, Sheldon has worked closely with educators to pre-determine and pre-solve problems such as these before they arise. And today, Sheldon meets this challenge with its unique stocking and warehousing plan that allows delivery of either a single piece of equipment —or completely equipped laboratory-classrooms—within just 30 days after receipt of order, subject to prior sale, of course.

With this Sheldon **Quick Delivery** plan, present labs and equipment can be augmented, old ones replaced, new rooms equipped, outdated facilities renovated, or completely new buildings initiated—with no waiting for specialized furniture, equipment or apparatus. You can be sure this furniture and equipment is educationally correct . . . engineered for practical, efficient use and quality constructed from the finest Northern hardwoods grown in Sheldon's own forests.

The Sheldon **Quick Delivery** plan is, by far, the most comprehensive in the industry. Take full advantage of it for your next school expansion or modernization project. You can be certain your new facilities will be not only educationally correct, but on time!

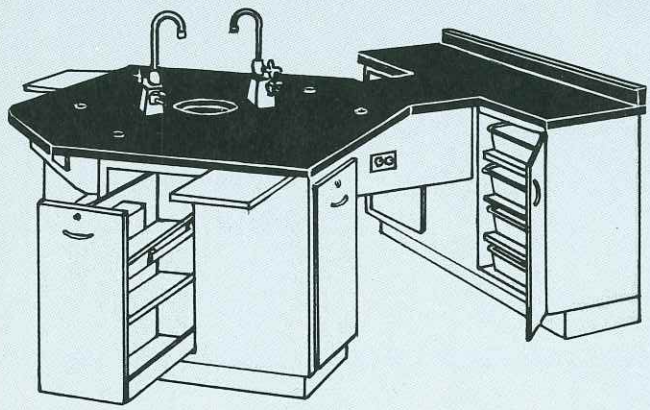
"ORDER TODAY FOR SHIPMENT WITHIN 30 DAYS!"

CHEMISTRY LAB FURNITURE



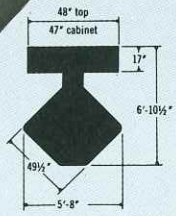
W-16553 TOTAL EXPERIENCE 4-STUDENT CHEMISTRY TABLE

1¼" Shelstone top, 49" square. Shelramic sink 12" dia. with lead outlet and stopper, 2 combination cold water gooseneck faucets and double gas cocks, two 110V. AC receptacles included. Two four-drawer units with locks, annex cupboard with 8 fiberglass tote trays included. Four flush bases in top accommodate rods. Rods not included.



W-16353 TOTAL EXPERIENCE 4-STUDENT CHEMISTRY TABLE

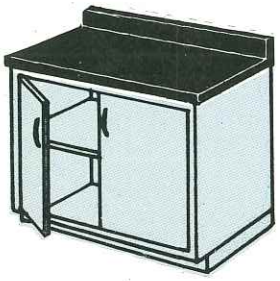
Same as W-16553, except with four Chemistry Apparatus Storage Pullout Units instead of drawers. Pullouts provided with locks.



SPECIFICATIONS

Table 5'8" L, 6'10½" W, 36" H.
Worktop 49" square.
Connecting Link 12½" x 16½".
Annex Counter 48" L.x 17" W.
Top 1¼" thick Shelstone.
If table is free standing, order finished back from Accessory Section.

- **Maximum Usable Counter Space**
- **Spacious, Accessible Point-of-Use Storage**
- **Freedom of Movement for Students, Instructor**
- **Educational Efficiency and Flexible Usage**
- **Rugged, Long-Life Construction**
- **Pleasing Design and Color**



W-43005 SCIENCE WORK CENTER

48" L, 17" W, 36" H. Top of 1¼" Shelstone with 2" high curb at back.

FUME HOODS

W-91272 GENERAL PURPOSE FUME HOOD

Overall size 48" L, 30" W, 91" H. Counter top 1¼" Shelstone, superstructure of Sheldine. Removable and adjustable baffle, safety glass sliding sash framed in stainless steel. Top of sash raises to 8'5" above floor. Services include: 1 cold water gooseneck, 1 single gas cock, each with remote control in rail; 1 cup sink, 110V AC receptacle with light switch. 9" dia. duct on hood top. FAN NOT INCLUDED.

W-99501 PENINSULA TYPE/ISLAND FUME HOOD

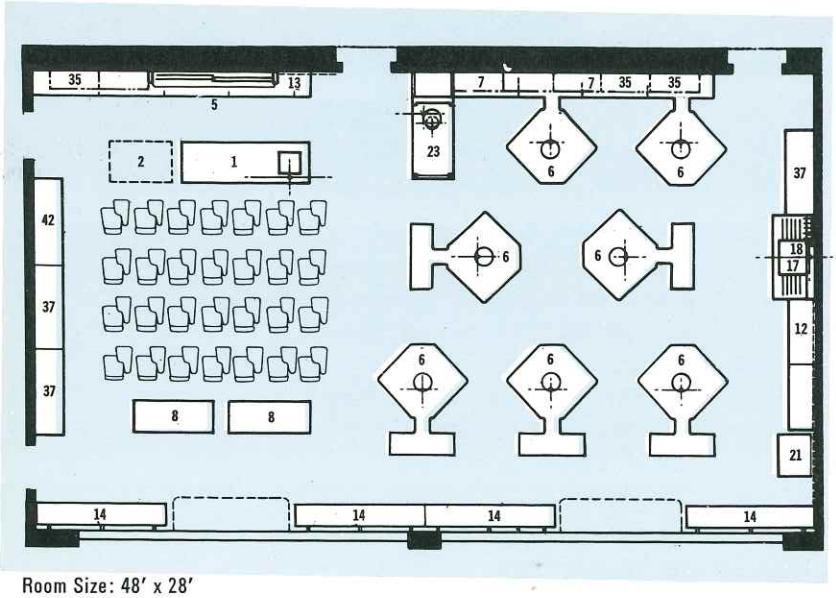
Overall size 60" L, 30" W, 82" H. An excellent teaching and demonstration facility so entire class can have an unobstructed view of instructor and activity. Complete service facilities make it an ideal student work station and a materials preparation center for the teacher. Counter top is 1¼" Shelstone, 36" high. Base cabinet has doors both sides and is vented through the fume hood superstructure providing ventilated storage for acids. Sheldine asbestos hood superstructure with adjustable and removable end and top baffles. Services: 12" dia. Shelramic sink, 1 single cold water gooseneck, 1 double gas cock, 1 vaporproof light and switch, 1 duplex 110V AC receptacle, 10½" dia. duct stub 1½" high for duct connection on top. Fan not included.

CHEMISTRY LAB FURNITURE

EFFICIENT PLANS FOR MULTI-FUNCTIONAL CHEMISTRY LAB-CLASSROOMS

Total Experience equipment readily adapts to any laboratory-classroom size or shape. It provides safe, uncluttered, efficient, accessible facilities for areas where rectangular equipment cannot. Whether the room shape is standard or irregular, as these plans illustrate, Sheldon provides spacious areas for demonstration, discussion, lab and work stations, reading and reference, and special projects. Other typical science lab layouts are shown in the sections on Physics, Biology and Intermediate Science in this catalog.

A COMPLETE CHEMISTRY LABORATORY CLASSROOM



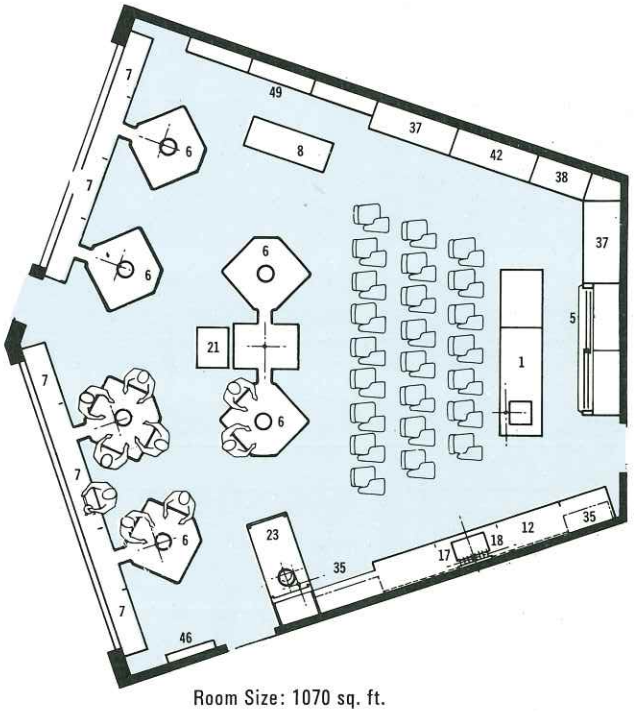
Room Size: 48′ x 28′

EQUIPMENT LIST

Item No.	Description
1.	Demonstration Table
5.	Chalkboard
6.	Student Tables
7.	Annex Work Stations
8.	Reading-Reference Tables
12.	Projects Work Stations
14.	Window Counter
18.	Pegboard
21.	Laboratory Cart
23.	Fume Hood
35.	Upper Wall Cases
37.	Wall Storage Cases
38.	Illustrative Materials Cases
42.	Display Cases
49.	Book Shelves

All the necessary activity areas are here: demonstration and discussion, laboratory and work stations, reading and reference, special projects, fume hood. There is ample space to store materials and apparatus right where they are needed, and there are spacious aisles between and around the furniture.

AN EFFICIENT PLAN FOR AN UNUSUAL ROOM



Room Size: 1070 sq. ft.

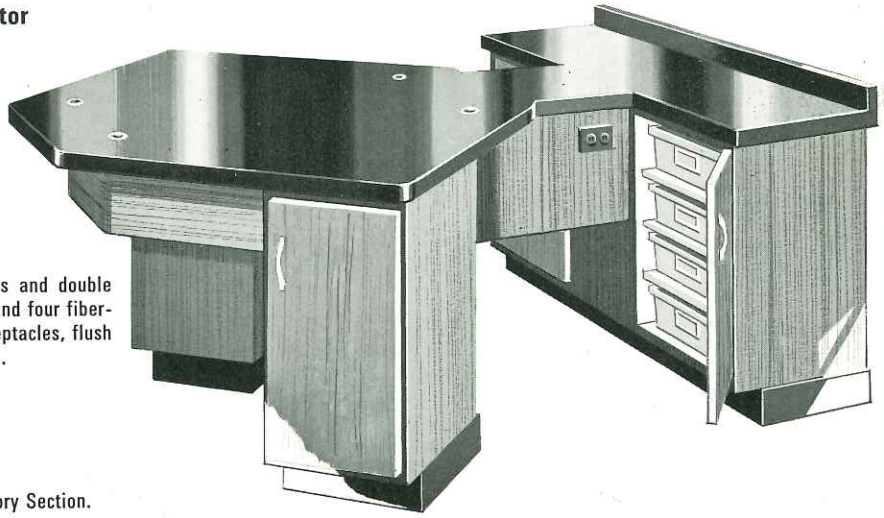
Here is an effective but simple answer to the challenge of an irregularly shaped room. It is the shape of the Total Experience table that makes this plan work. Rectangular tables could not be used successfully in this pattern.

The diagonal table placement forms natural lines of aisles and spaces that follow the diagonal lines of the individual tables. There are aisles for safety exit in several directions, a seating cluster ideal for viewing, and various activity areas—all in the direct view of the instructor.

PHYSICS LAB FURNITURE

TO FACILITATE LEARNING, the old arrangements that crowded students back to back, obstructed student activity, hampered the instructor's supervision are obsolete. Total Experience arrangements enable students to work and consult together effectively, permit safe, efficient student movement, and give instructors ready access to all students. Additionally, for any given floor space, Total Experience tables provide more counter-space, more elbow room, and more point-of-use storage space for more classes than tables of any other design.

- **Maximum Usable Counter Space**
- **Spacious, Accessible Point-of-Use Storage**
- **Freedom of Movement for Students, Instructor**
- **Educational Efficiency and Flexible Usage**
- **Rugged, Long-Life Construction**
- **Pleasing Design and Color**



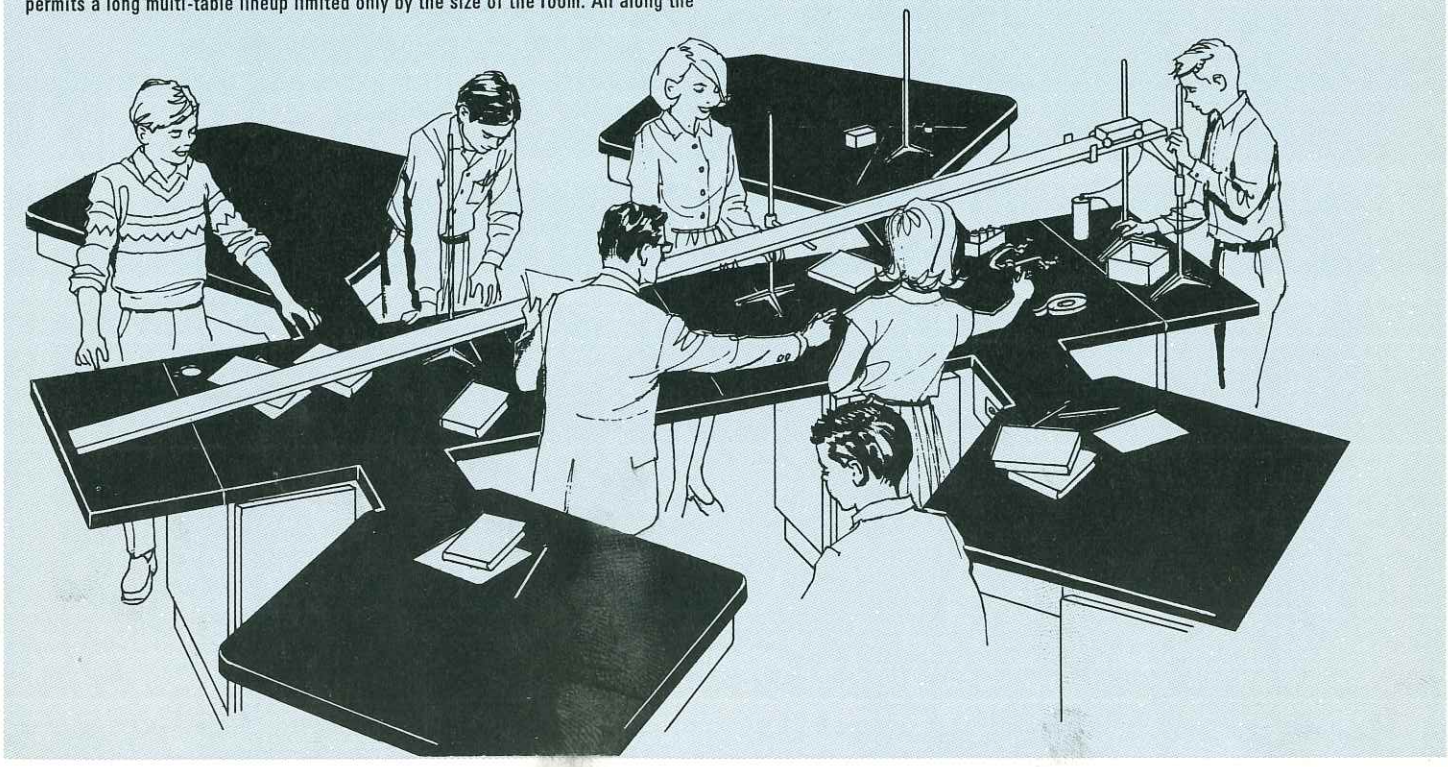
W-16540 TOTAL EXPERIENCE 4-STUDENT PHYSICS TABLE

1¼" Shelstone top, 49" square. Two 16" cupboard units and double cupboard annex unit, each with three adjustable shelves and four fiber-glass tote trays. Two 110V AC convenience electrical receptacles, flush mounted. Four flush-mounted rod bases. Rods not included.
Table 5'8" L, 6'10½" W, 36" H, overall.
Worktop 49" square.
Connecting Link 12½" x 16½".
Annex Counter 48" L x 17" W.
Top 1¼" thick Shelstone.
If table is free standing, order finished back from Accessory Section.

Many Physics experiments (such as those dealing with wave motion) need long, unobstructed stretches of counter space. Many others can be accommodated in the length of a single meter stick. Still others take considerable space in both length and width. Total Experience arrangements meet all these requirements in full and provide ample point-of-use storage space as well.

The Total Experience combination of diamond-shaped table and rectangular annex permits a long multi-table lineup limited only by the size of the room. All along the way there is generous storage space and auxiliary counter space. There is free access on both sides. Each table can function also as a separate, spacious center for smaller experiments, with its own services and apparatus storage. When necessary, adjacent tables can be used in pairs for larger area experiments.

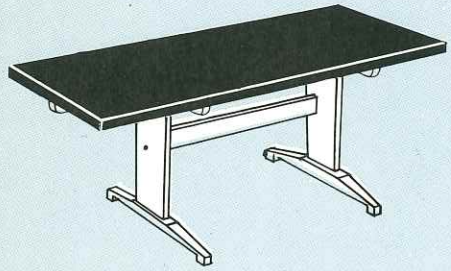
This is the kind of freedom of application that makes the difference between a limited and a versatile Physics laboratory.



PHYSICS LAB FURNITURE

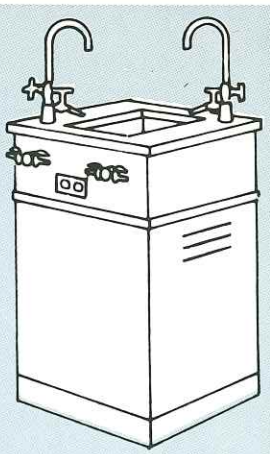
W-19010 FOUR-STUDENT PHYSICS TABLE

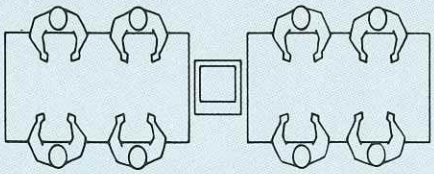
60" L, 42" W, 29" H. 1¼" Shelcraft top. Solid hardwood frame, all joints bolt reinforced. Scuff-proof aluminum feet fitted with self-leveling glides.



W-75411 ISLAND SINK

24" L, 24" W, 43" H. 1¼" Shelstone top. Shelramic sink 14" x 10" x 5½" I.D. complete with outlet. Two fixtures each with cold water gooseneck and cold water cocks. Four double gas cocks and two duplex 110V AC electric receptacles.





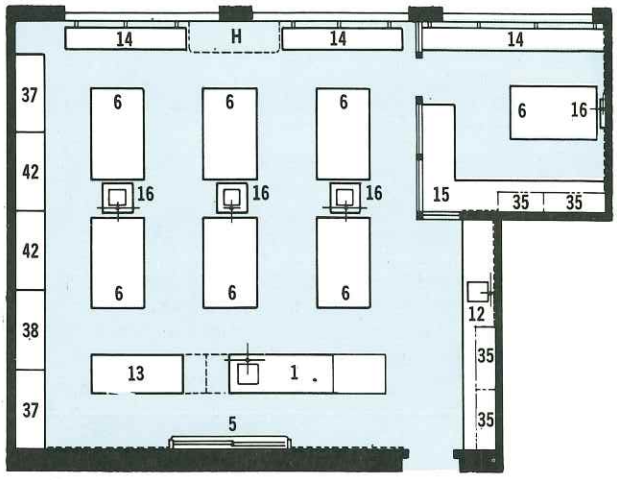
SERVICE CENTER ADDS MOBILITY

With a service island, tables don't have to be tied down by pipes and wires. They can be used as desired wherever they are needed. Then, when gas, water and electricity are required for an experiment, a table can be put on each side of the service island and all services become immediately available. When these services are no longer needed, the tables can be moved away and the space freed for other purposes. Of course, where desirable, the tables can be fixed in position at the service island.

A SMALL ROOM THAT OFFERS MUCH

Only the right kind of tables and service facilities enable a room this small to accommodate 24 physics students, give them enough work space, freedom of movement, generous room for storage, even project work areas (at window and corridor walls).

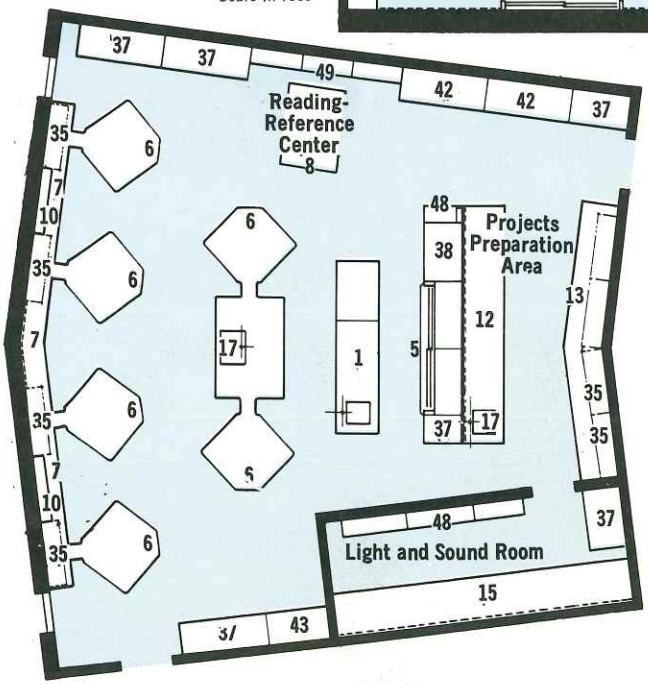
TOTAL EXPERIENCE TABLES FIT THIS ROOM WELL



1 2 3 4 5
Scale in feet

EQUIPMENT LIST

Item No.	Description
1.	Demonstration Table
3.	Chalkscreen Projection Center
5.	Chalkboard
6.	Student Tables
7.	Annex Work Stations
8.	Reading-Reference Tables
10.	Student Contact Apparatus Panels
12.	Projects Work Stations
13.	Counter
14.	Window Counter
15.	Light & Sound Room Experiment Benches
16.	Service Islands
17.	Work Sink
35.	Upper Wall Cases
37.	Wall Storage Cases
38.	Illustrative Materials Cases
42.	Display Cases
48.	Open Shelving

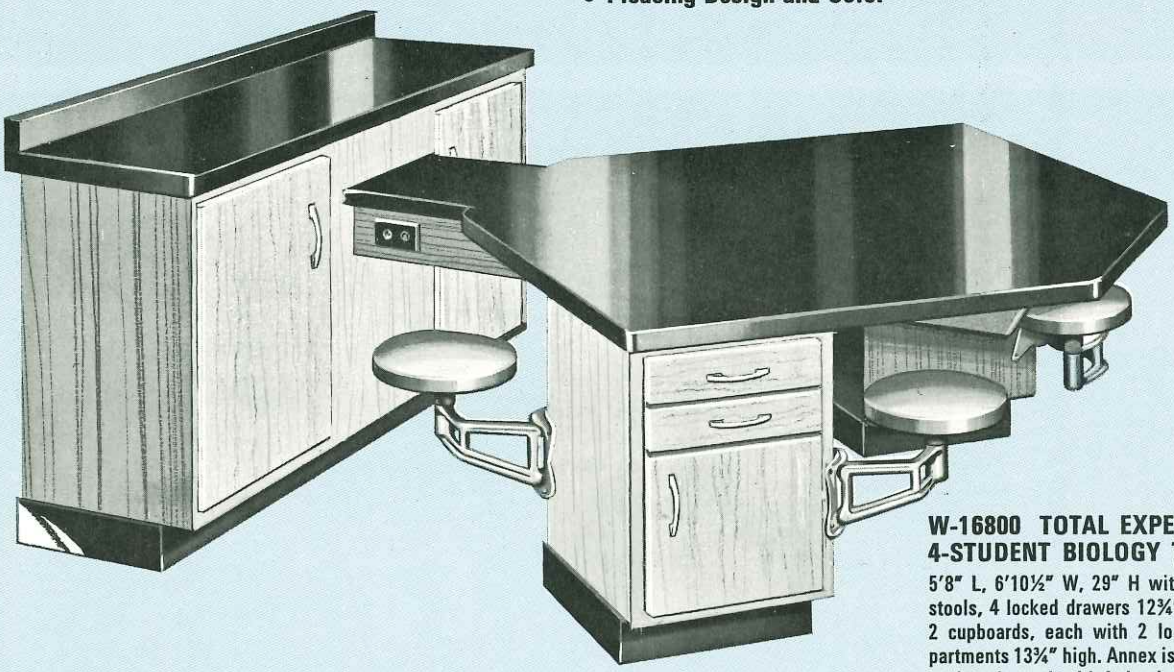


It would be difficult to duplicate the excellent features of this room plan with ordinary furniture. Several long work counters are available, aisles are quite adequate, lecture and demonstration viewing are excellent, and there is storage at point of use all around. The three sink positions make sinks available to all, yet keep the plumbing economical.
Room Size: 1180 sq. ft.

1 2 3 4 5
Scale in feet

TOTAL EXPERIENCE TABLE

- Maximum Usable Counter Space
- Spacious, Accessible Point-of-Use Storage
- Freedom of Movement for Students, Teacher
- Educational Efficiency and Flexible Usage
- Rugged, Long-Life Construction
- Pleasing Design and Color



W-16800 TOTAL EXPERIENCE 4-STUDENT BIOLOGY TABLE

5'8" L, 6'10½" W, 29" H with 4 attached swinging stools, 4 locked drawers 12¾" x 12¾" x 2" I.D. and 2 cupboards, each with 2 locked microscope compartments 13¾" high. Annex is 36" high with 2 locked cupboards, each with 4 plastic tote trays. Two electric outlets in rails.

W-13523 UTILITY TABLE

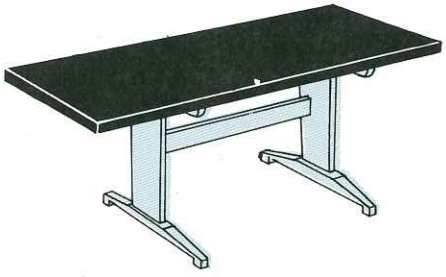
Overall size 72" L, 24" W, 29" H. Top of 1" black Shelcraft. Hardwood framing with W-86270 metal bookrack.

W-13583 UTILITY TABLE

Same as W-13523 except 54" L, 24" W, 29" H.

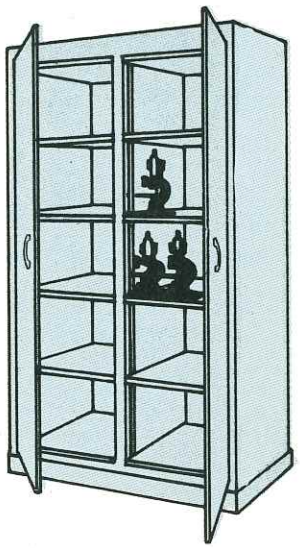
W-13503 UTILITY TABLE

Same as W-13523 except 72" x 42" x 29" high.



W-19110 ALL-PURPOSE TABLE

Overall size 60" L, 24" W, 29" H. Top of 1¼" black Shelcraft.

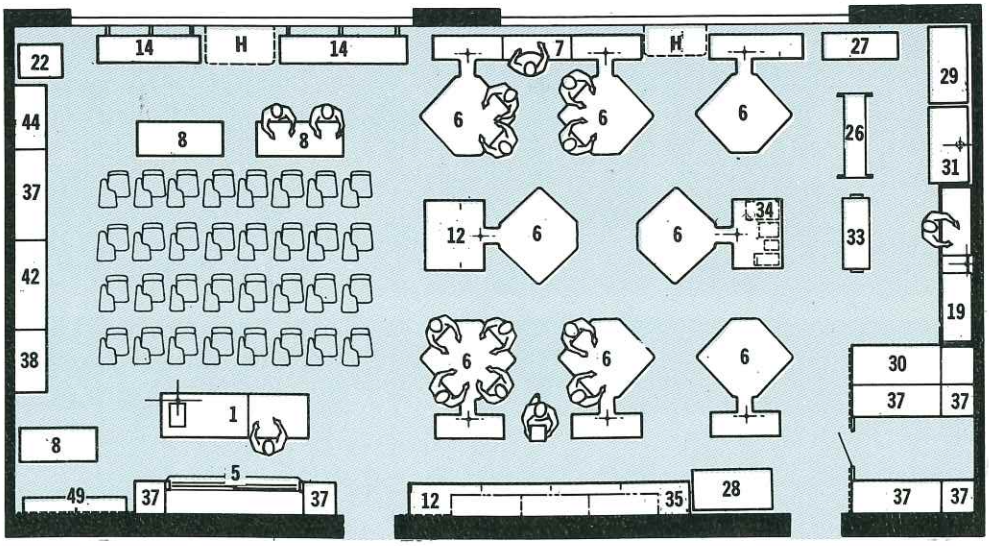


W-63000 MICROSCOPE CASE

42" L, 22" W, 82" H. Two compartments, each with 4 adjustable shelves.

BIOLOGY LAB FURNITURE

A PAIR OF WELL-EQUIPPED BIOLOGY LABORATORIES



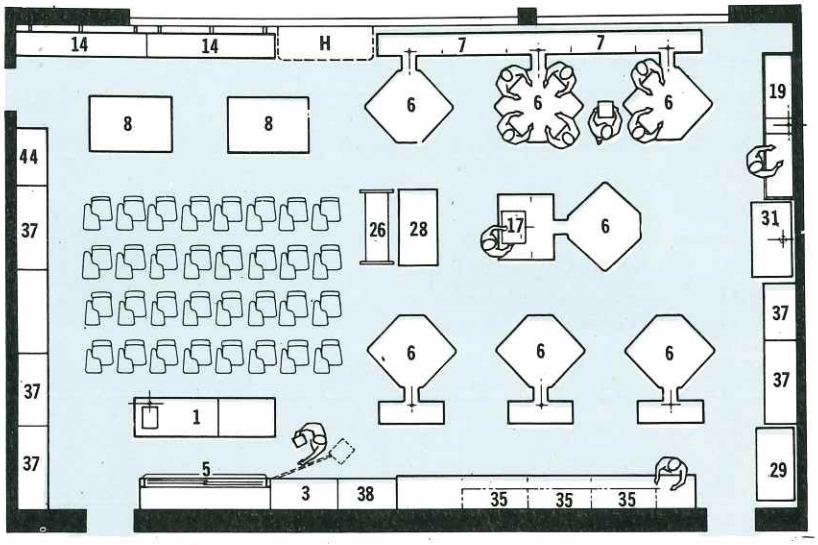
1 2 3 4 5
Scale in feet

Here is a good example of "area" planning. There are well-integrated teaching demonstration facilities for the instructor and good seating arrangements for the student. Storage areas are dispersed to provide materials at the point of use. Student work stations are well-oriented to each other and are spaced to accommodate student traffic. Small sinks at each station supplement the larger wash-up and preparation sink.

Room Size: 56′ x 28′

EQUIPMENT LIST

Item No.	Description
1.	Demonstration Table
3.	Chalkscreen Projection Center
5.	Chalkboard
6.	Student Tables
7.	Annex Work Stations
8.	Reading-Reference Tables
12.	Projects Work Stations
14.	Window Counter
17.	Work Sink
19.	Rinse-Away Counter
22.	Projector Cart
26.	Porta-Plant
27.	Climatarium
28.	Climatarium II
29.	Controlled Environment Center
30.	Biological Service Center
31.	Animal Study Center
33.	Bio-Marine Unit
34.	Aquaria
35.	Upper Wall Cases
37.	Wall Storage Cases
38.	Illustrative Materials Cases
42.	Display Cases
44.	Specimen-Herbarium Cases



1 2 3 4 5
Scale in feet

Note how conveniently everything is arranged here. Storage is where it is needed, and student traffic moves around work stations without interfering. Central sink locations augment services at the tables and make it easier to keep these areas clean. When transparencies are projected, the Chalkscreen Projection Center enables the teacher to write on the projected image and personalize the presentation.

Room Size: 48′ x 30′

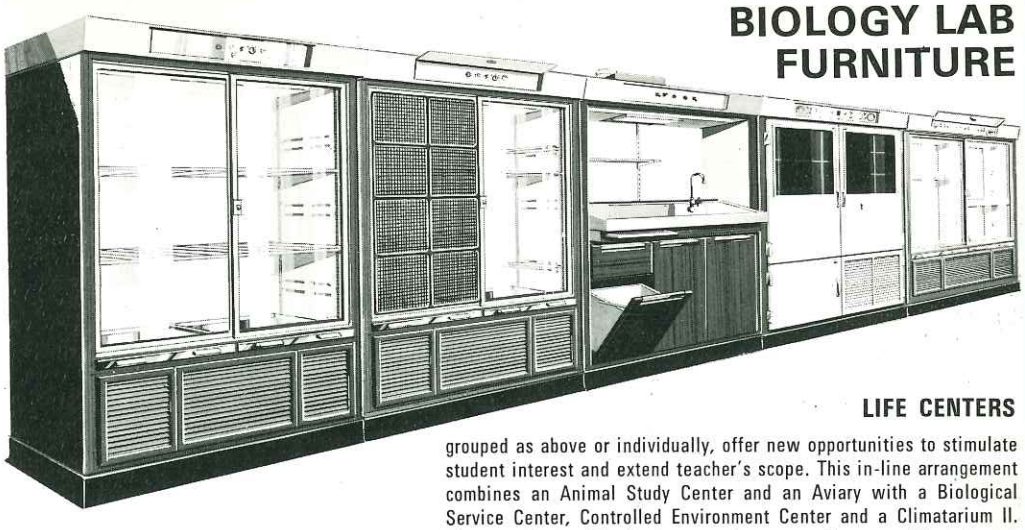
"ORDER TODAY FOR SHIPMENT WITHIN 30 DAYS!"

LIFE SCIENCE SERIES

BIOLOGY LAB FURNITURE

Seven Centers Enhance Biology Teaching:

- **Controlled Environment Center**
- **Animal Study Center**
- **Two Climatariums**
- **Porta-Plant Study Center**
- **Bio-Marine Study Center**
- **Aviary**
- **Biological Service Center and Complete Supporting Equipment**



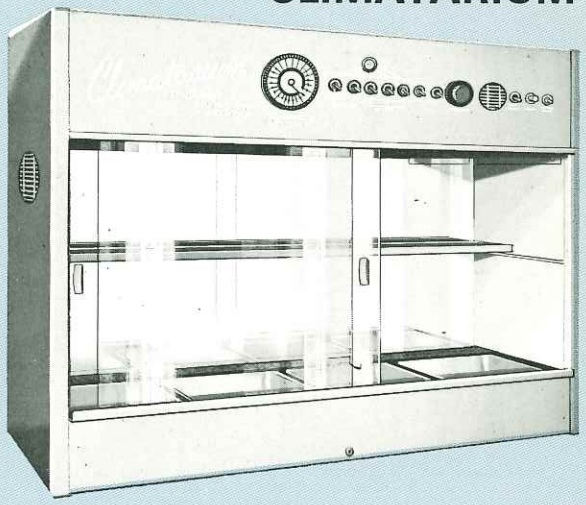
LIFE CENTERS grouped as above or individually, offer new opportunities to stimulate student interest and extend teacher's scope. This in-line arrangement combines an Animal Study Center and an Aviary with a Biological Service Center, Controlled Environment Center and a Climatarium II. These, and other Life Centers, may be arranged in many different ways to suit many different requirements.

W-31405 CLIMATARIUM II

56" L, 27" W, 74" H, finished hardwood exterior. Fully finished composition-covered back, interior finished white with watertight stainless-steel pullout debris trays at bottom. Lockable sliding glass doors are reflective coated to reduce amount of light coming in without blocking the view of the interior. Space for plant food, soil supplies and utensils is provided in storage compartment in base. Light shelves for potted plants are adjustable for height and have raised watertight rims.

Lighting consists of 16 fluorescent lamps at top and two adjustable-height light shelves. (See Below) Instrument panel, protected by lockable clear plastic cover, has timers and switches for complete automatic or manual control. Positive ventilation is provided by controlled integral fans or by cooling unit accessory when installed. Temperatures can be controlled by the thermostat from ambient 38°C without cooling unit and to 8°C with cooling unit accessory. Mounted on heavy-duty casters for easy moving. (Project book furnished.)

CLIMATARIUM I

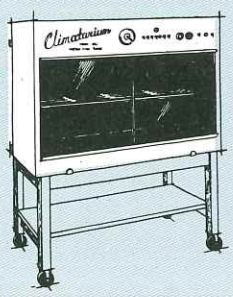


- **Provides wide choices of climates and seasons**
- **Automatic, or manual, control of temperature, light, ventilation**
- **Freedom to schedule a wider variety of plant and animal studies**
- **A key tool for BSCS Biology Program**

W-31530 CLIMATARIUM I

Environmental chamber in which temperature, ventilation, light and dark cycles can be automatically timed and even extreme humidity set up to provide excellent opportunity for Biology experiments. (Project book furnished.)

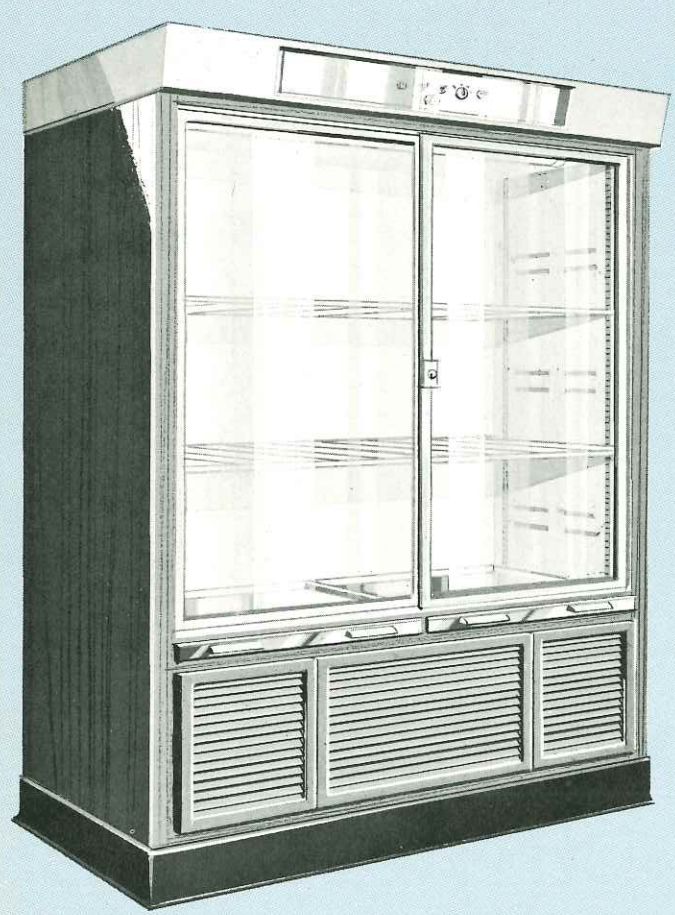
52" L, 18" W, 38" H. Baked-enamel steel cabinet with sliding glass doors, 4 plastic trays, 12½" x 13½" x 4½", 4 fluorescent light fixtures, 3 light sockets, 2 interior receptacles, one controlled. Cart not included.



W-21070

Open-frame base with casters and hardwood lower shelf.

ANIMAL STUDY CENTER

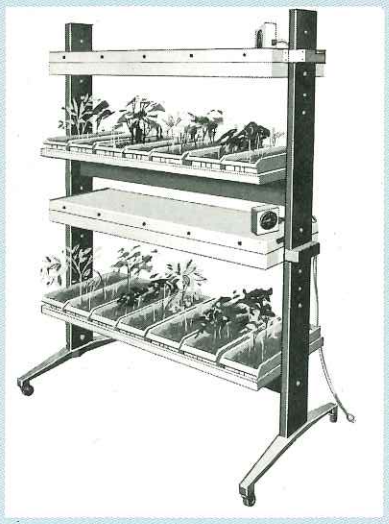


- Ideal housing for animals in classroom
- Unobstructed student observation
- Thermostat heat control, ambient to 38°C (down to 8°C with cooling unit)
- Odors vented to outdoors (or into laboratory if filtered model is specified)

W-31440 ANIMAL STUDY CENTER

56" L, 27" W, 74" H. Finished hardwood exterior. Fully finished composition-covered back. Interior finished white with watertight stainless-steel pullout debris trays at bottom. Removable mesh bottom and two plated wire shelves, height adjustable, are included. Storage compartment for food, bedding and accessories is in the base. Sliding glass doors can be locked as can clear plastic cover for instrument panel. Switches on panel control temperature from ambient up to 38°C (down to 8°C if cooling unit is included), fluorescent lighting at top, and fan. Positive ventilation is insured by an integral fan. Air is purified through specially formulated charcoal filter and dust filter, both easily accessible for servicing. Mounted on heavy-duty casters.

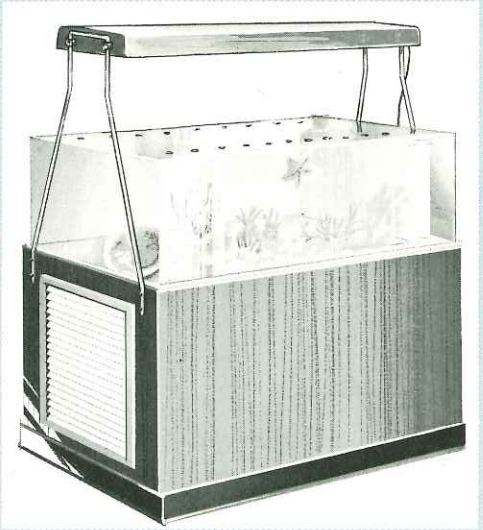
PORTA-PLANT STUDY CENTER



W-31120 PORTA-PLANT STUDY CENTER

Overall size 56" L, 28" W, 71" H. Time-controlled illumination with wide-spectrum lamps permits a variety of plant growth projects. Promotes seed germination, root growth, leaf development. Two fixtures adjustable for height are furnished with four 40W "Grolux" lamps. Four spare lamps included. Furnished with 14 fiberglass growth trays, 19" x 6" x 3". Rubber casters for easy mobility.

BIO-MARINE

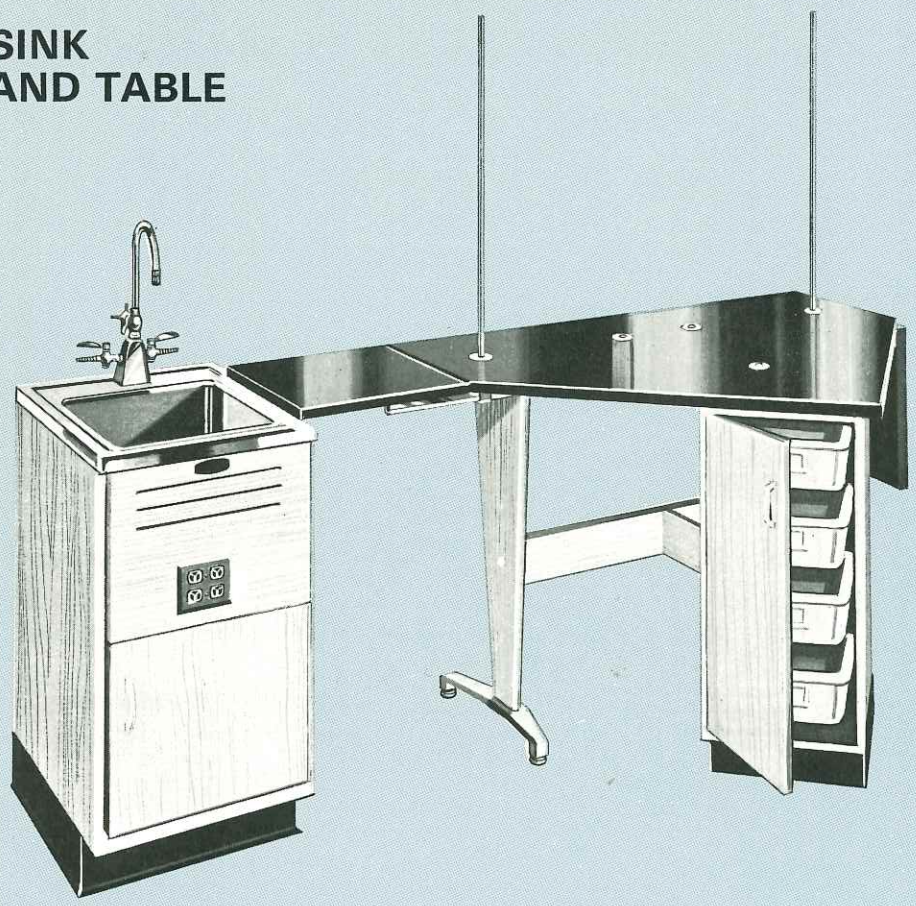


- A controlled ocean environment
- Ideal conditions for many types of marine life
- Full, unobstructed viewing by students and instructor
- Easy to maintain and care for unit and marine life

W-31310 BIO-MARINE STUDY CENTER

36" L, 27" W, 46" H. 40-watt fluorescent light, 55-gallon system with thermal insulated tank mounted on double-wall base cabinet. Ventilating grills on 2 sides, ¼-hp. refrigeration unit. Temperature can be controlled from approximately 5°C to ambient levels under normal operating conditions. Three wide-spectrum lamps included, controlled by timer in base. Standard lamps of other spectrum ranges may be inserted. Aquarium circulating water system and biochemical filtration operate well with either salt or fresh water. No connections are needed to water supply or waste. Shipped complete with "starting operation" package. Mounted on heavy-duty casters.

SINK AND TABLE



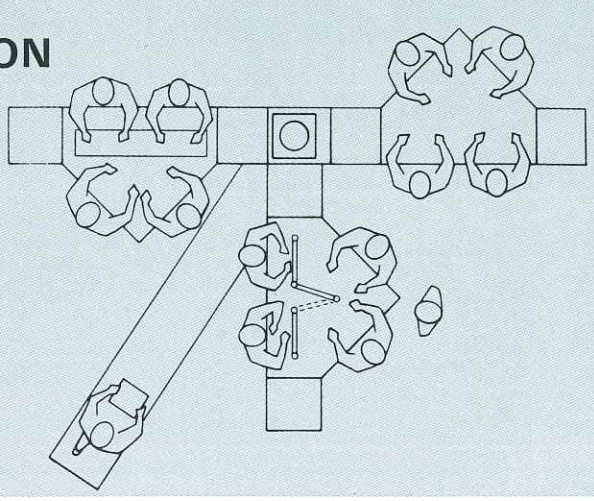
W-75351 SERVICE ISLAND
18" L, 24" W, 36" H. Stainless-steel top and sink. Flat strainer, combination gooseneck cold water faucet and double gas cock. 110V AC electrical outlet in front rail.

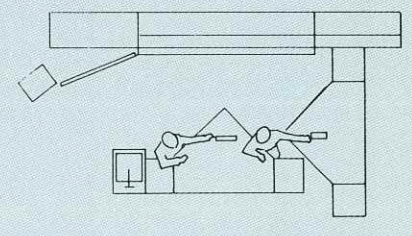
W-17540 FOUR-STUDENT CONTACT WORK CENTER
Overall size 90" L, 44" W, 36" H; 54" long with drop leaves down. Top is 1" green Shelcraft. Cupboard with lock holds 4 fiberglass tote trays. Scuff-proof aluminum feet with self-leveling glides. Flush bases in top for upright rods. Rods not included.

- **Multi-functional—Brings students into contact with all scientific disciplines**
- **Mobility, versatility—Allows quick arrangement of work centers and service islands**
- **Efficient design—Offers ready access to all materials and services**
- **Provides more freedom in teacher demonstration and student experimentation**

EFFICIENT EXPERIMENTATION CENTERS

Student work stations, teacher demonstration centers, student seating, and organized storage—all are generously provided for in this table arrangement. The movable student tables and the variety of ways they can be grouped around the service centers make the room adaptable to changes of many kinds.

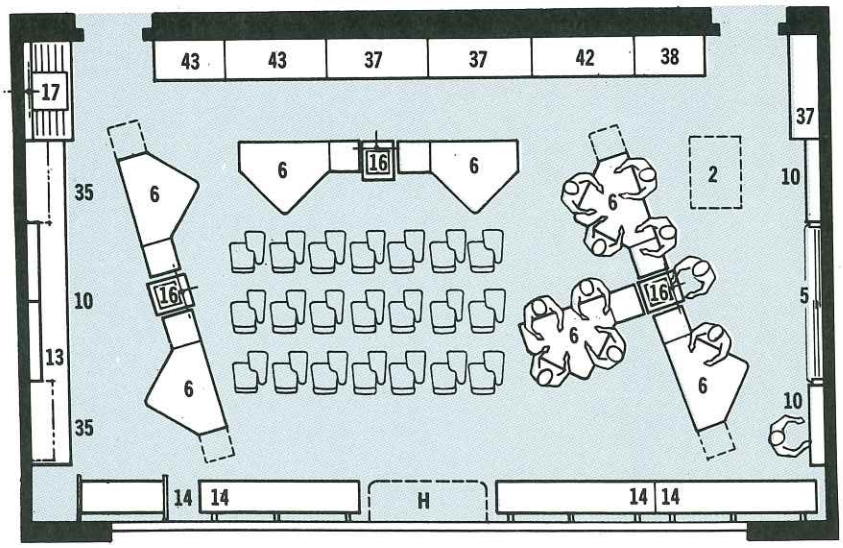




VERSATILE DEMONSTRATION CENTERS
By proper placement, teacher can use Work Center in conjunction with Service Island, Chalkscreen Projection Center, Contact Apparatus Cabinets and many other facilities for a broad range of demonstrations. He can put apparatus on the point of the table and stand beside it for easy manipulation and unobstructed demonstration.

INTERMEDIATE SCIENCE LAB FURNITURE

ROOM FOR EVERYTHING



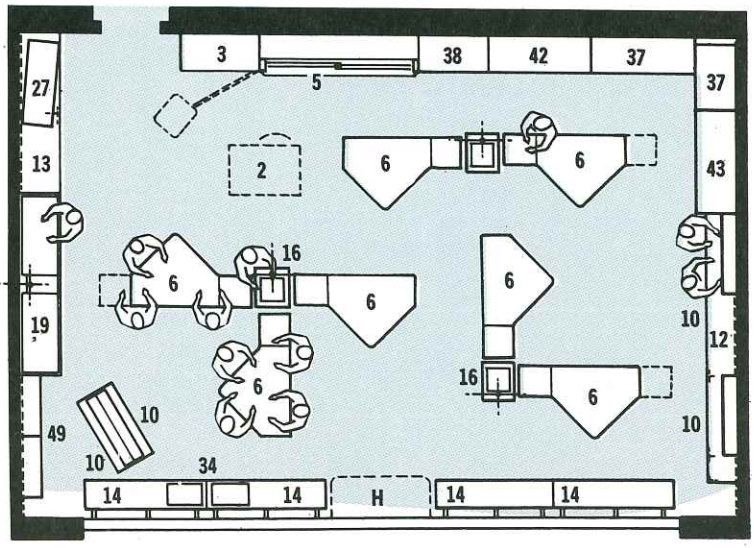
1 2 3 4 5

Scale in feet

Room Size: 40′ x 24′

Student work stations, teacher demonstration centers, student seating, organized storage—all are generously provided for in this room arrangement. The movable student tables and the variety of ways they can be grouped around the service centers make the room adaptable to changes of many kinds.

MAKING EVERY SQUARE FOOT COUNT



1 2 3 4 5

Scale in feet

Room Size: 36′ x 21′

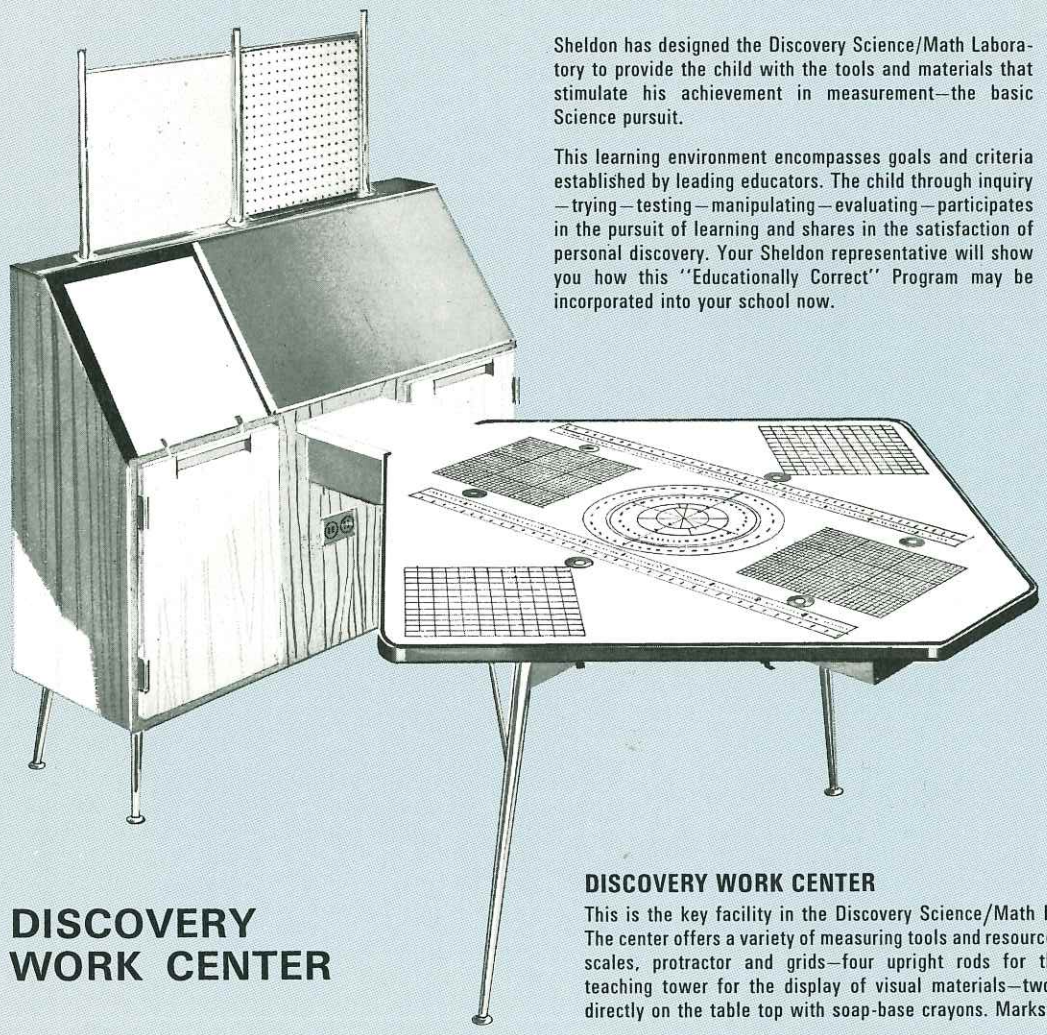
Small as this room is, it provides ample space for special projects as well as regular activities. This is made possible by careful utilization of wall space, judicious placement of service islands, and use of movable student tables.

EQUIPMENT LIST

Item No.	Description
2.	Desk
3.	Chalkscreen Projection Center
5.	Chalkboard
6.	Student Tables
10.	Student Contact Apparatus Panels
12.	Projects Work Stations
13.	Counter
14.	Window Counter
16.	Service Islands
17.	Work Sink
19.	Rinse-Away Counter
27.	Climatarium
34.	Aquaria
35.	Upper Wall Cases
37.	Wall Storage Cases
38.	Illustrative Materials Cases
42.	Display Cases
43.	Student Contact Panel Storage
49.	Book Shelves

"ORDER TODAY FOR SHIPMENT WITHIN 30 DAYS!"

ELEMENTARY SCIENCE/MATH FURNITURE



Sheldon has designed the Discovery Science/Math Laboratory to provide the child with the tools and materials that stimulate his achievement in measurement—the basic Science pursuit.

This learning environment encompasses goals and criteria established by leading educators. The child through inquiry —trying—testing—manipulating—evaluating—participates in the pursuit of learning and shares in the satisfaction of personal discovery. Your Sheldon representative will show you how this "Educationally Correct" Program may be incorporated into your school now.

DISCOVERY WORK CENTER

DISCOVERY WORK CENTER

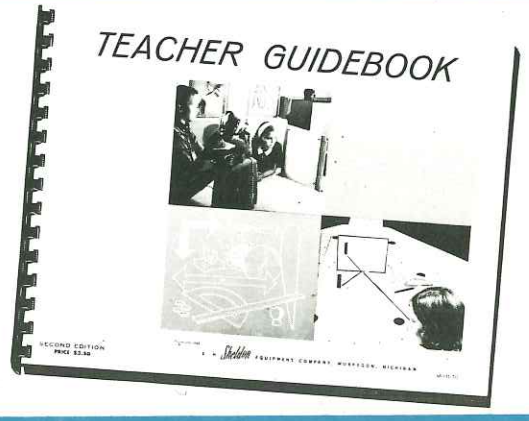
This is the key facility in the Discovery Science/Math Laboratory. At least two are needed. The center offers a variety of measuring tools and resources, including imprinted top with linear scales, protractor and grids—four upright rods for third-dimension projects—illuminated teaching tower for the display of visual materials—two display boards. Children can mark directly on the table top with soap-base crayons. Marks erase easily.

W-15001 DISCOVERY WORK CENTER

Overall size 82½" x 56". Imprinted top 47" square, 29" high. Two display boards together with the W-86905 Basic Material Set and W-86906 Teaching Set are included. Base storage, removable waste tray and electric outlet.

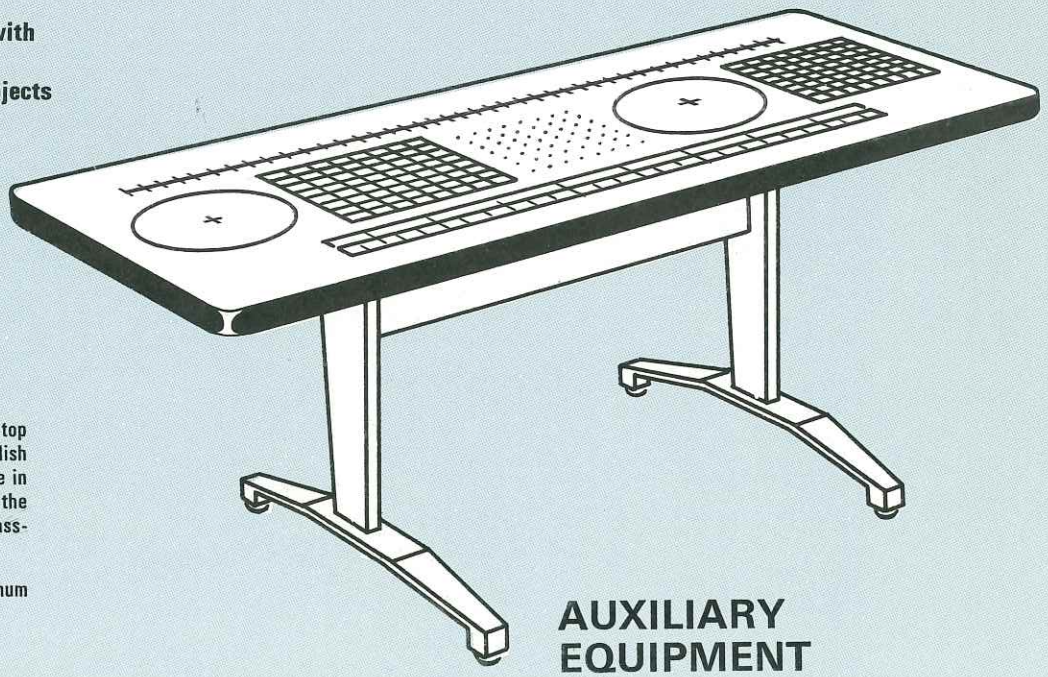
TEACHER GUIDEBOOK

Written by Sheldon teaching consultants, the Teacher Guidebook may be used with any standard textbook. Its 66 exercises are grouped by subject matter for easy usage and gives complete step-by-step instruction and materials needed for performing "student involvement" exercises.



ELEMENTARY SCIENCE/MATH FURNITURE

- **Rugged construction—hardwood frame, Shelcraft top—all reinforced**
- **Generous work space**
- **Scuff-proof aluminum feet with self-leveling guides**
- **Makes a wide variety of projects easier to accomplish**



W-19062
STUDENT MATH TABLE

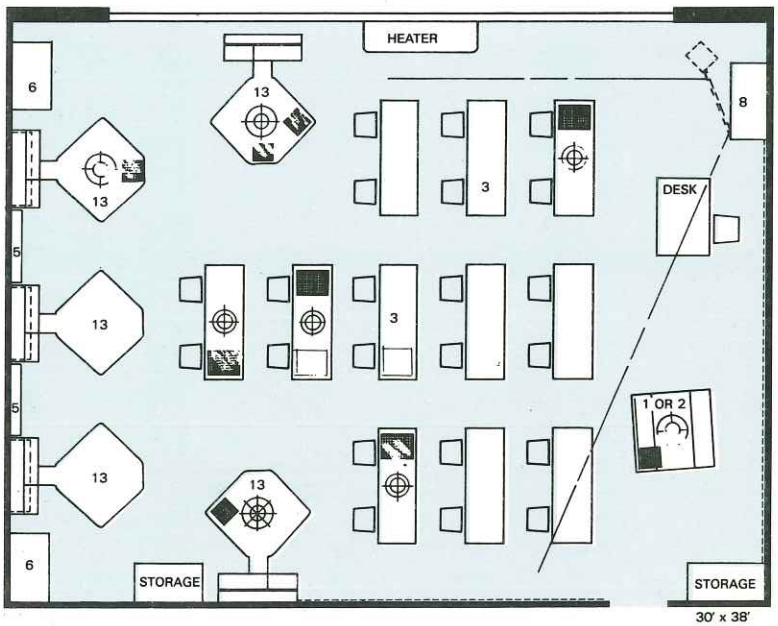
60" L, 24" W, 29" H. White plastic top is imprinted with metric and English scales and protractor. Unlimited use in Math and Science study, plus all the general utility of the ordinary classroom table.

All hardwood framing, cast aluminum feet, self-leveling glides.

AUXILIARY EQUIPMENT

TYPICAL ROOM ARRANGEMENT

Here is an authentic Mathematics Laboratory, "educationally correct" in planning and equipment to meet today's requirements in Middle School mathematics education. Sheldon has created a total environment for total achievement. Math/Discovery Centers and Math/Discovery Tables, all with imprinted tops, allow each student to have a work station that includes grids, protractors, and other measurement scales. Materials are readily available for assigned projects, for open-end inquiry, for demonstrations, presenting unlimited opportunity for group projects and individual effort.



CHALKSCREEN PROJECTOR

SHELDON CHALKSCREEN PROJECTION CENTER

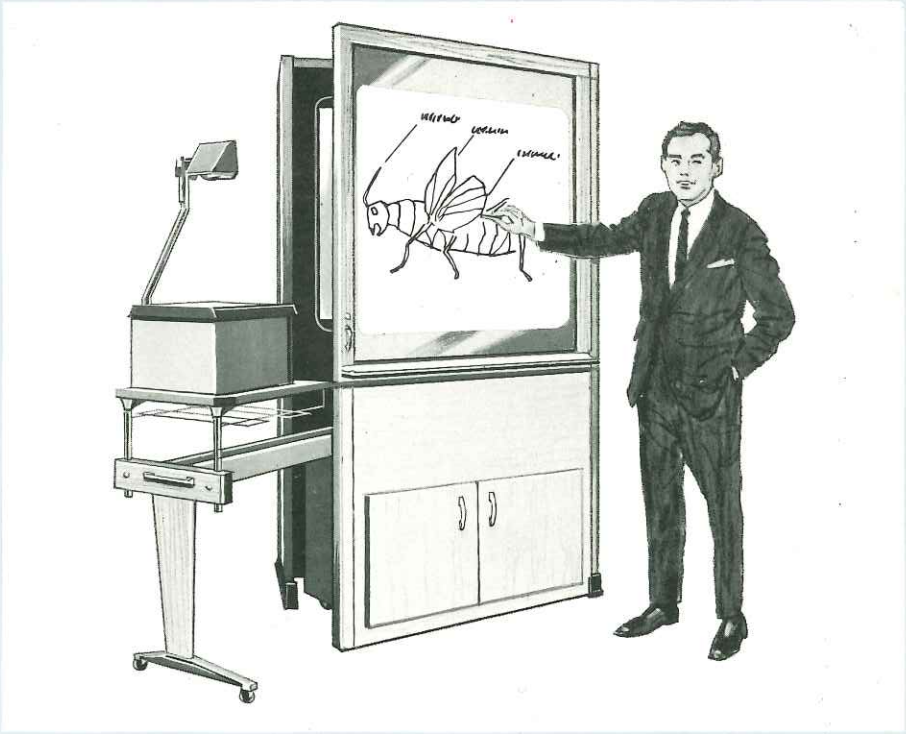
Multiplies teaching opportunities by combining advantages of chalkboard with benefits of projection materials.

Ready to use when case door is opened. No need to darken room.

W-29800 CHALKSCREEN PROJECTION CENTER

47" L, 22" W, 82" H. Projector platform accommodates all popular-size projectors (projector not supplied) and stores behind hinged case front. To use, open case door, pull out platform to pre-adjusted, pre-focussed position, and snap switch. Projected image is reflected from the mirror in the back of the case onto the back of the screen. Screen is 39" x 39" tempered glass and can be used to write on with standard chalk whether or not it is being used for rear projection.

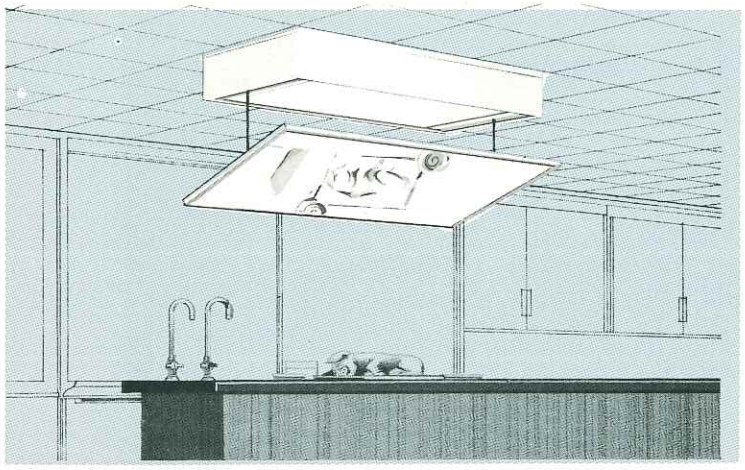
WRITE DIRECTLY ON THE SURFACE. Students or teacher can solve equations, extend graphs, plot curves on the images that are projected on the screen. It is not necessary to write on the transparency itself.



NO ANNOYING SHADOWS.
The light from the projector is inside the case, not on the outside of the screen. Students and teacher can stand beside or in front of the screen without casting shadows.

USE IN DAYLIGHT.
The rear-projection system keeps the reflected image sharp and clear, with good contrast. It is not necessary to darken the room. The savings in lightproof blinds alone may pay for the Chalkscreen Projection Center.

VERSATILE, FLEXIBLE.
The projection center is not confined to transparencies. Close-ups of ripple-tanks, cellular cross-sections and other study materials may be projected.



W-22220 VISUAL AIDER

Framed overhead mirror, 66" x 34" supported on cables and safety chains. Mechanism is in finished plywood box 64" x 32" x 11¼" high, which may be hung exposed under the ceiling or concealed flush with underside of hung ceiling. Control switch installed where desired, actuates mechanism that raises mirror or lowers it into position by safety chains. Wiring from control box to mechanism by others.

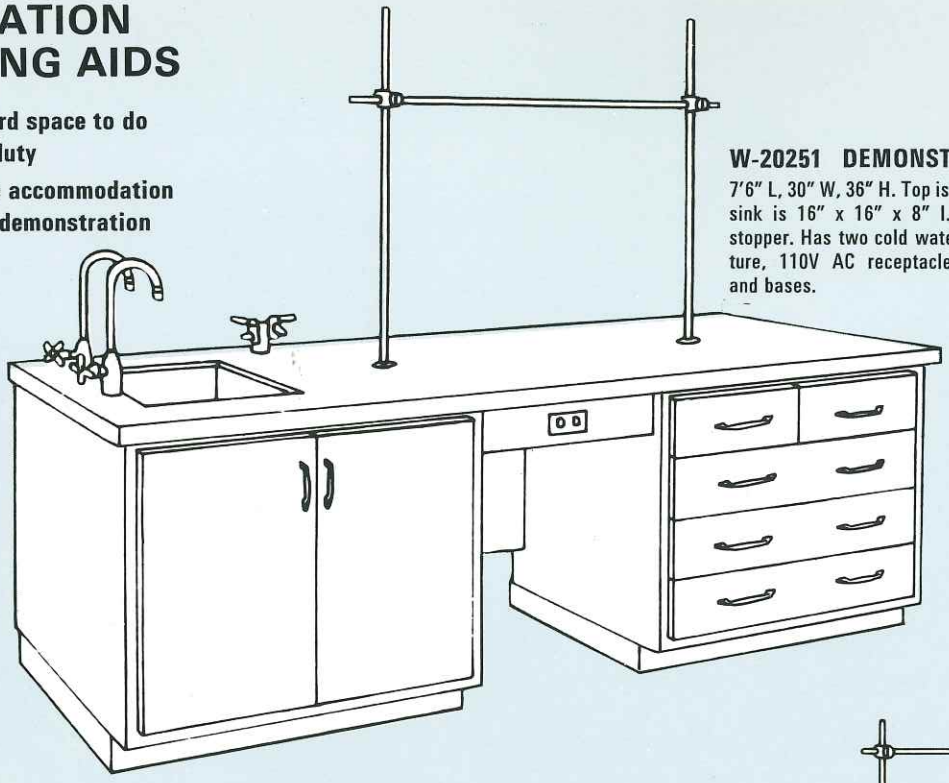
VISUAL AIDER

- **Adds another line of sight and viewing angle**
- **Doubles students' opportunity to see demonstration fully**
- **Out of the way when not needed—automatically positioned by the touch of a button when desired**

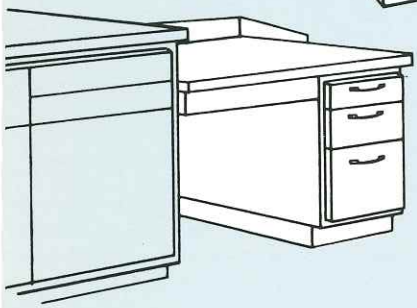
With the Visual Aider it is a rare thing for a student's view of a demonstration to be blocked. Sheldon's retractable demonstration mirror gives every student an unobstructed view of table-top demonstrations because it enables him to see them from above.

DEMONSTRATION and TEACHING AIDS

- **Allows available board space to do practically double duty**
- **Provides point-of-use accommodation for visual aids and demonstration materials**



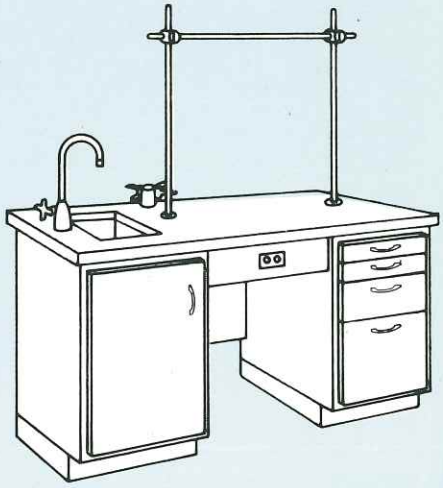
W-20251 DEMONSTRATION TABLE
7'6" L, 30" W, 36" H. Top is 1¼" Shelstone. Shelramic sink is 16" x 16" x 8" I.D. with lead outlet, and stopper. Has two cold water faucets, double gas fixture, 110V AC receptacle, crossbar, upright rods and bases.



W-20130 DESK SECTION
39" L, 30" W, 29" H. Shelcraft top, knee drawer with lock. Must be used with W-20251 or W-20101.

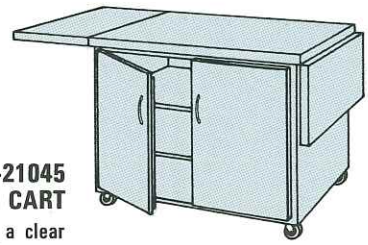
DEMONSTRATION TABLES

W-20101 DEMONSTRATION TABLE
Overall size 58" L, 30" W, 36" H. Top is 1¼" Shelstone. Sink is Shelramic, 14" x 10" x 5½" I.D., with lead outlet and stopper. Services include cold water faucet, double gas fixture, 110V AC receptacles, crossbar, two upright rods and bases. File drawers have follower blocks and operate on ball-bearing extension glides.



PORTABLE CARTS AND CABINETS

W-21045 DEMONSTRATION CART
42" L, 24" W, 32" H. Provides a clear view of tabletop demonstrations for every student. Mirror is polished plate glass, 36" x 27" adjustable at any angle. Cart is 42" L, 24" W, 32" H, with white plastic laminate top. Hardwood lower shelf and two pullout shelves. Rubber-tired casters 3" dia., two swivel with locking brake.

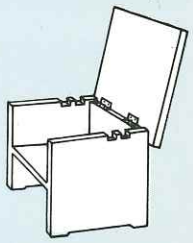


W-21171 ROLL-A-WAY CABINET
68" L, 24" W, 36" H with drop leaves extended, 39" L with leaves down. Top and leaves of 1¼" plastic laminate. Cupboard has 3 adjustable shelves, 2 tote trays, 13¼" x 19½" x 4½" O.D.

W-21060 LABORATORY CART
36" L, 24" W, 36" H. Top and shelf of 1¼" Shelcraft. Hardwood base, bolt-reinforced construction. Four 3" dia. rubber-tired casters. Two casters have locking brakes.

W-19021 ALL-PURPOSE TABLE

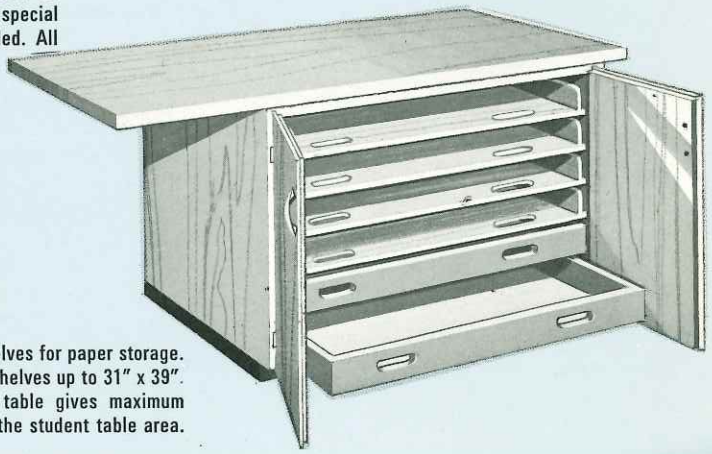
60" L, 42" W, 29" H. Table has a variety of uses in the Art Studio-Workshop. It accommodates a wide range of Art activities for individuals or for groups up to six. It is easily moved for grouping with other tables to provide an extra-large work area, or to free floor area for special activities. 1¼" hardwood top with attached tote tray guides. Tote trays not included. All hardwood framing, cast aluminum feet, self-leveling glides.



W-18940 SKETCH BENCH—EASEL

17" L, 12" W, 17" H. Used as bench with top down and locked, or as easel with top raised. 32" H with top raised.

- **Maximum work and storage area in less floor space**
- **Allows accessibility and freedom of movement for teacher and student**
- **Adaptable for work in a wide variety of mediums**
- **Rugged, modern-design construction**



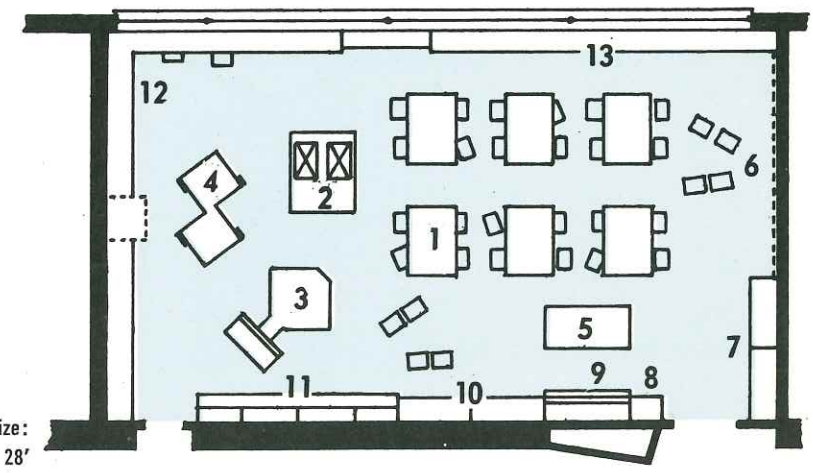
W-27220 PAPER STORAGE INSTRUCTOR'S TABLE

72" L, 36" W, 36¼" H. 6 pullout shelves for paper storage. Will store flat materials on pullout shelves up to 31" x 39". Paper storage at the instructor's table gives maximum control at a location convenient to the student table area.

ART INSTRUCTION

EQUIPMENT LIST

Item No.	Description
1.	All-Purpose Table
2.	Island Sink Center
3.	Island Ceramics Center
4.	Crafts Work Center
5.	Instructor's Demonstration Table
6.	Sketch Bench
7.	Display Case
8.	Materials Case
9.	Chalkboard Assembly
10.	Tote Tray Case
11.	Counter and Wall Assembly
12.	Counter Assembly
13.	Window Counter



Room Size: 48' x 28'

This illustration shows how Sheldon integrates major activities areas in the Art Studio-Workshop to allow a comprehensive, diversified program.

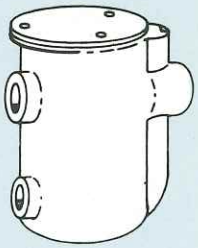
As with the floor plan, these areas are representative only. They should not be interpreted as being necessarily the recommendations of Sheldon for any school. Areas that should be included in a specific Art Studio-Workshop will vary according to the needs of the school and the community. Helping the school determine these areas is part of Sheldon service.

CERAMICS INSTRUCTION

Ceramics have become an important part of Arts & Crafts education. And, this Sheldon equipment is designed especially for work and instruction in this medium. Educationally correct, Sheldon Ceramics instruction equipment provides more usable space, free movement for teacher and student, versatility and flexibility in everyday use, and adaptability to different concepts and methods . . . with rugged, yet pleasingly designed units that require less floor space than other types.

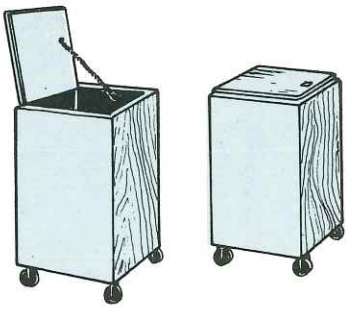
W-76180 ART SINK CENTER

Overall 69" L, 82" W, 36¼" H. Table top 49" square stainless steel with integral sink. 42" diameter x 8" deep sink with Vulcathene outlet, stopper and trap. Two cupboards under sink for general storage. Annex has two cupboards each with adjustable shelf. Annex top and connecting neck 1¼" Formica. Services: Two hot and cold mixing faucets, two cold water faucets.



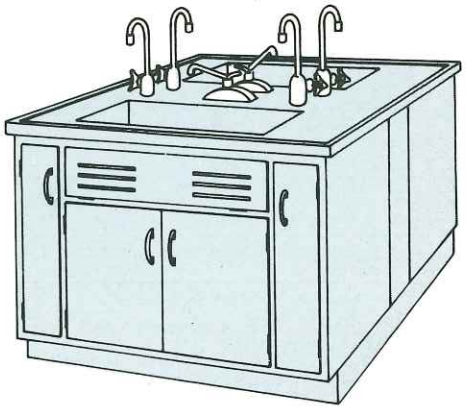
W-82800 PLASTER TRAP

Recommended for all sinks in Art Departments. Easily cleaned of accumulated plaster, sand, oils and grease. Cast iron to insure longer life. Stainless-steel interceptor.



W-31700
PORTABLE CLAY STORAGE CART
16"L 16"W 23½"H

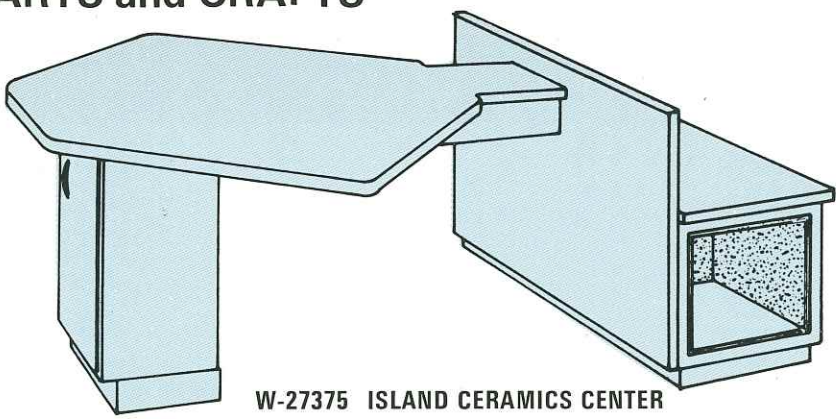
Designed to store in kneespaces under benches, wall counters, and tables in the Art Studio Workshop, this 13 gauge zinc-lined clay storage cart will store up to 100 pounds of damp clay. Inside watertight compartment 14" x 14" x 17" deep.



W-76198 SINK CENTER

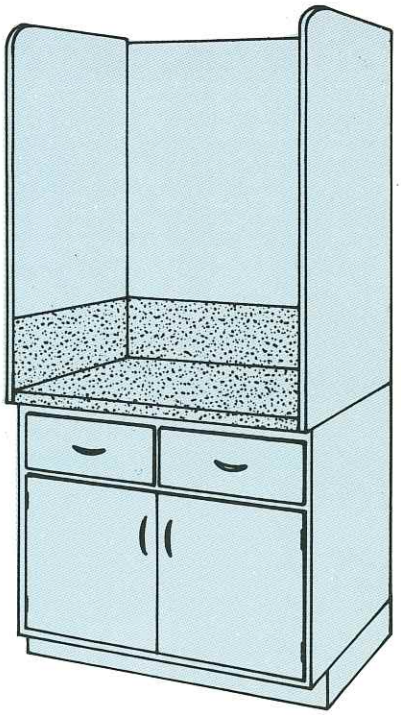
4'3" L, 4'6" W, 36¼" H. Unit may be used as an island or peninsula sink center. An island assembly offers more front footage of lineal work surface. Stainless-steel sinks and integral drainboard assembly, basins 32" x 16" x 10" deep, I.D. Four cold water gooseneck faucets, and two hot and cold water mixing faucets.

ARTS and CRAFTS



W-27375 ISLAND CERAMICS CENTER

Overall 67¾" L, 91¾" W (Work top 36¼" H, Annex 25" High). Top of 1¼" unfinished white Sheldine. Cupboard with 3 adjustable shelves. Annex with two Sheldine-lined potters wheel cabinets. One 110V AC electric outlet.



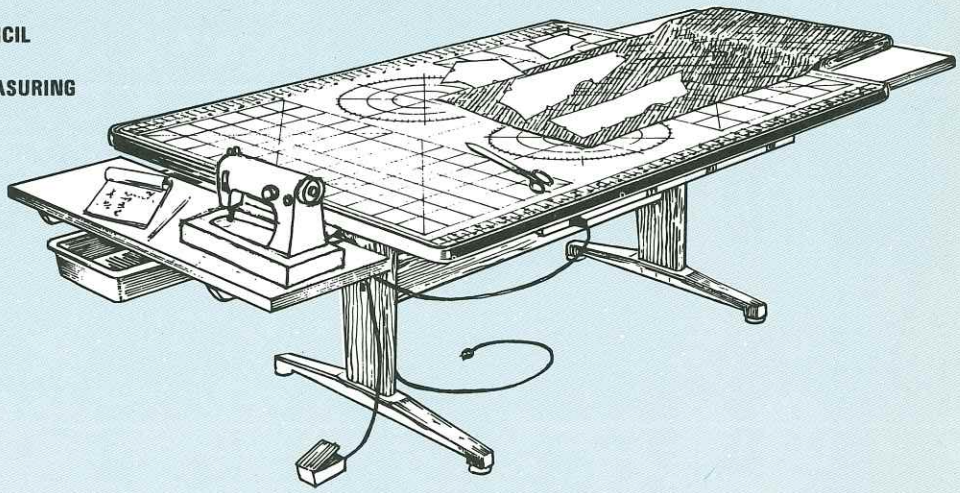
W-99711 GLAZING BAR

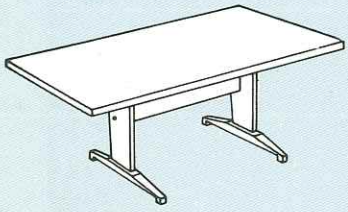
37" L, 24" W, 82¼" H. This Glazing Bar has wide application in serving the finishing needs for Art. The superstructure of hardwood veneer is open full height of front and top. It is equipped with galvanized metal-covered counter-top working surface and interior liner 10" high. This superstructure may be easily lined with Kraft paper or Homasote board, providing an interior that can be quickly and inexpensively replaced when it becomes soiled and unattractive. W-36210 Base Cabinet with finished ends provides two drawers, 15¼" x 18" x 6¼" high, and cupboard, approximately 32½" x 19½" x 21" high, with one adjustable shelf for storage of materials and equipment.

SEWING CENTER

- **WRITE ON SURFACE WITH GREASE PENCIL**
- **WIPE OFF WITH DAMP CLOTH**
- **IDEAL FOR LAYOUT AND DRAWING MEASURING**

- **IMPRINTED TOP**
- **PULL-OUTS**
- **TOTE TRAY STORAGE**
- **PIN TROUGH**
- **RECEPTACLE STRIP**
- **CORK INSET**





W-19021 ALL-PURPOSE TABLE

Overall size 60" x 42" x 29" high. Top of 1¼" solid hardwood. Fitted with tote tray guides. Base of solid hardwood with scuff-proof aluminum feet fitted with self-leveling glides.

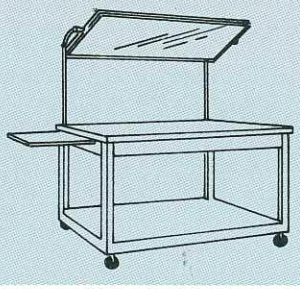
W-19316 SEWING CENTER

Top 60" x 42" x 29" high. Grids, circles, protractors, English and metric designations are printed on white plastic which is covered with heavy, clear Melamine. Solid hardwood base frame, bolt reinforced. Scuff-proof aluminum feet 28" long, with self-leveling glides. Pin trough 3/16" deep, 3/8" wide. Two pull-out extensions, each 36" x 12", with white Melamine surface. One fiberglass pull-out tote tray, 15" x 13" x 3-1/2"; 4 unit electrical receptacle strip with cord.

HOME ECONOMICS FURNITURE

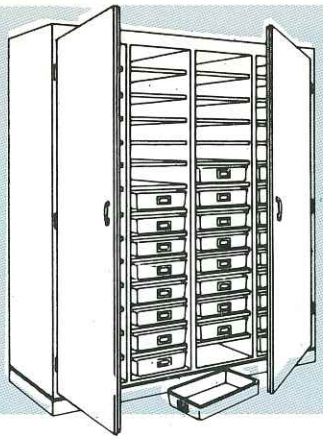
W-21045 DEMONSTRATION CART

42" L, 24" W, 32" H. Provides a clear view of tabletop demonstrations for every student. Mirror is polished plate glass, 36" x 27" adjustable at any angle. Cart is 42" L, 24" W, 32" H, with white plastic laminate top. Hardwood lower shelf and two pullout shelves. Rubber-tired casters 3" dia., two swivel with locking brake.

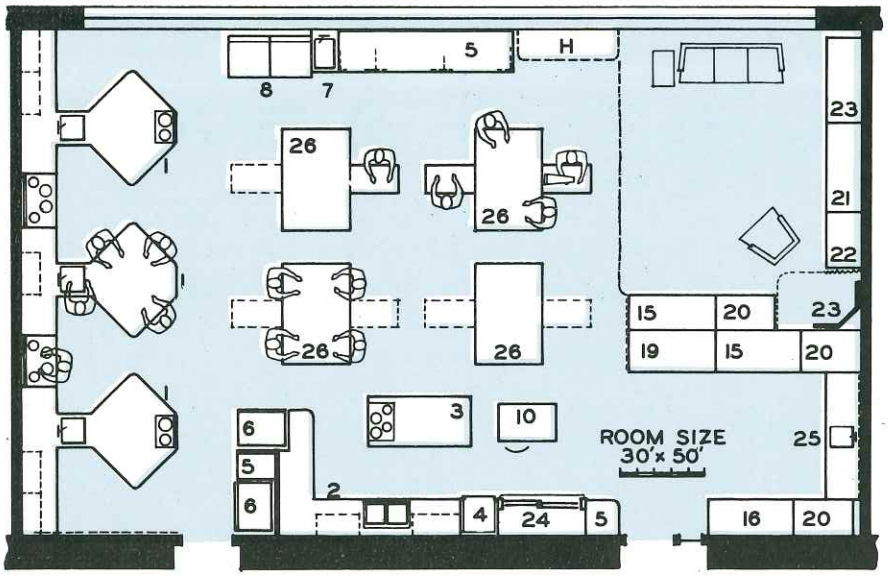


W-69100 TOTE TRAY CASE

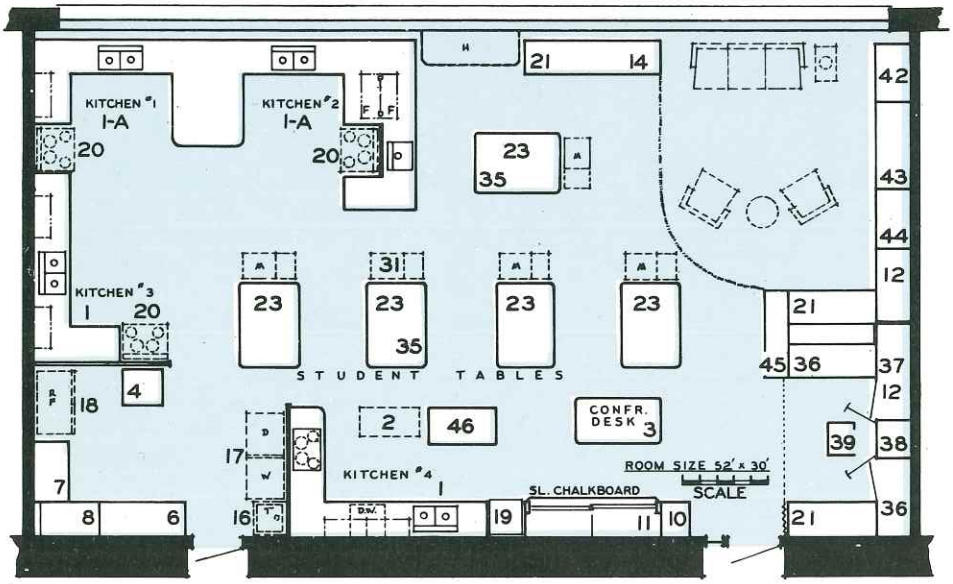
62" L, 22" W, 82" H. Two hinged doors locked, each enclosing 24 fiberglass tote trays, 13¼" x 19½" x 4½" O.D.



TYPICAL ROOM ARRANGEMENTS

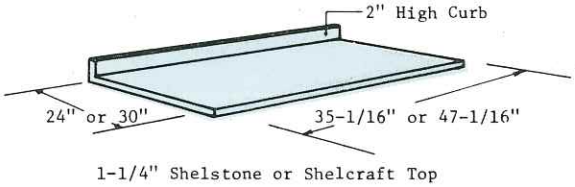


LET SHELDON ENGINEERS HELP YOU WITH YOUR PLANNING, HELP YOU SEE THE ADVANTAGES OF THE SEVERAL SHELDON METHODS FOR PLANNING THE HOME ECONOMICS LABORATORY.



"ORDER TODAY FOR SHIPMENT WITHIN 30 DAYS!"

TOPS



Sheldon tops are cut to fit base cabinet length exactly to facilitate construction of assemblies, and are provided with a 2" front overhang. Shelstone and Shelcraft tops are available in the following sizes and configurations.

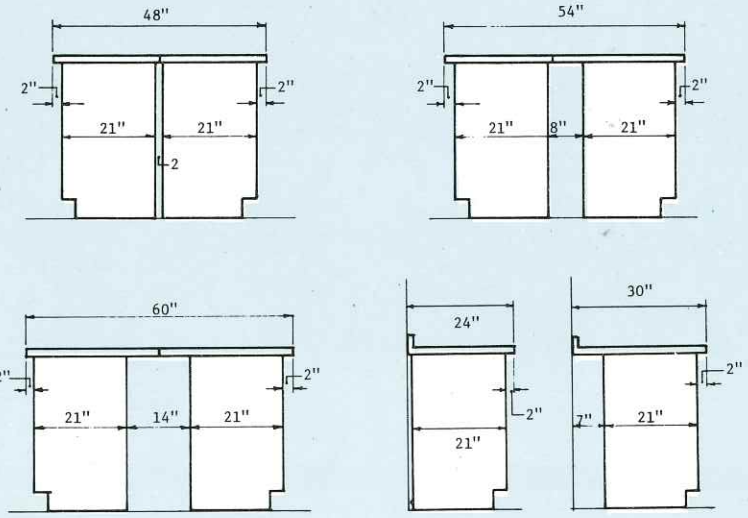
SHELSTONE

W-88095 35" x 24" w/2" curb
W-88097 47" x 24" w/2" curb
W-88100 35" x 30" w/2" curb
W-88102 47" x 30" w/2" curb

SHELCRAFT

W-88096 35" x 24" w/2" curb
W-88098 47" x 24" w/2" curb
W-88101 35" x 30" w/2" curb
W-88103 47" x 30" w/2" curb

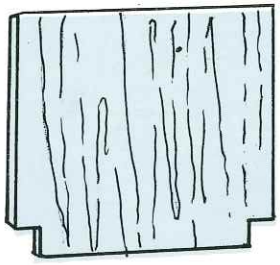
Any of these assemblies can easily be constructed using the tops listed above.



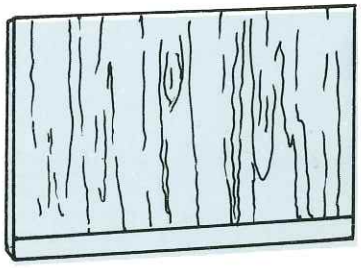
SHELSTONE tops are of solid, monolithic asbestos composition, fully impregnated and surfaced with acid-resistant materials. They have a dull black sheen and are readily repaired in case of mechanical damage. They resist staining and heat.

SHELCRAFT tops are black with a rubbed satin chemical-resistant surface. They are fabricated of wood fiber resin bonded sheets laminated together with waterproof cement which provides excellent resistance to moisture and heat, and good resistance to concentrated chemicals and solvents. Shelcraft tops will stand heat exposure up to 150°C.

Finished, applied end panels and back panels must be ordered whenever cabinet ends or backs are exposed. These panels are ¼" Northern Maple faced plywood.



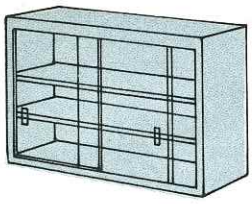
W-88496 END PANEL
Applied end panel, job cut and installed.



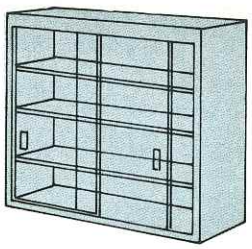
W-88500 BACK PANEL
Applied and cut on job. Fasteners included.

GENERAL CASEWORK and SINK ASSEMBLIES

WALL CABINETS

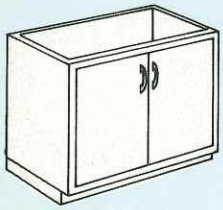


W-59700
UPPER CABINET
Overall size 47" x 13" x 30" high. Sliding glass doors, 2 adjustable shelves



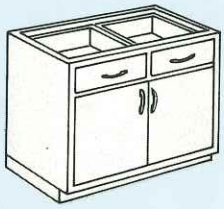
W-59600
UPPER CABINET
Overall size 47" x 16" x 46" high. Sliding glass doors, 3 adjustable shelves.

BASE CABINETS

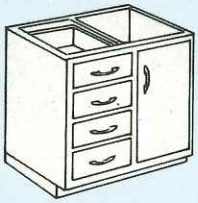


W-36000
BASE CABINET
Overall 47" x 21" x 35" high. One adjustable shelf

W-36010 BASE CABINET
Overall 35" x 21" x 35" high.

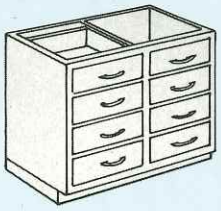


W-36200
BASE CABINET
Overall 47" x 21" x 35" high. One adjustable shelf. Two drawers, each 20¾" x 18" x 5¾" I.D.



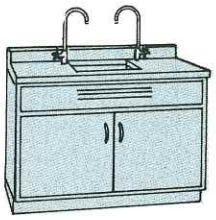
W-36510
BASE CABINET
Overall 35" x 21" x 35" high. Four drawers, each 14¾" x 18" x 5¾" I.D. Adjustable shelf.

W-36210
Overall 35" x 21" x 35" high.

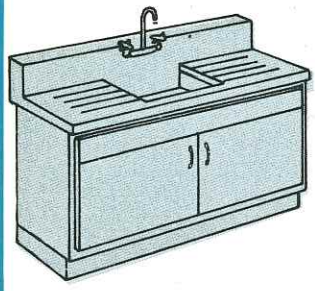


W-37000
BASE CABINET
Overall 47" x 21" x 35" high. Eight drawers, each 20¾" x 18" x 5¾" I.D.

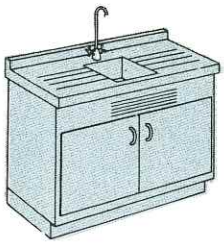
SINK ASSEMBLIES



W-75101 SCIENCE WORK SINK
48" L, 17" W, 36" H. Top is 1¼" Shelstone. Sink is Shelramic. 16" x 8" x 6". Lead outlet and stopper. Two cold water fixtures. Cabinet has finished ends.



W-75513 WALL SINK
61" L, 30" W, 36" H. Shelramic sink, Shelstone double drainboard. Sink is 24" x 20" x 10" I D. with lead outlet and stopper. Cabinet has finished ends.



W-75117 SCIENCE WORK SINK
48" L, 24" W, 36" H. Top is 1¼" Shelstone. Sink is Shelramic, 20" x 12" x 8" I.D. Lead outlet and stopper. One hot and cold mixing faucet. Cabinet has finished ends.

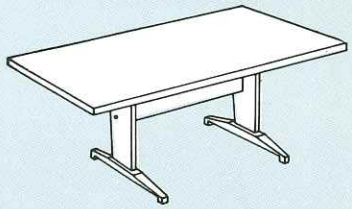
STUDENT TABLES

W-19110 ALL-PURPOSE TABLE
Overall size 60" x 24" x 29" high. Top of 1¼" black Shelcraft with bookrack. Base of solid hardwood with scuff-proof aluminum feet fitted with self-leveling glides.

W-13523
UTILITY TABLE
Overall size 72" x 24" x 29" high. Top of 1" black Shelcraft. Hardwood framing with W-86270 metal bookrack.

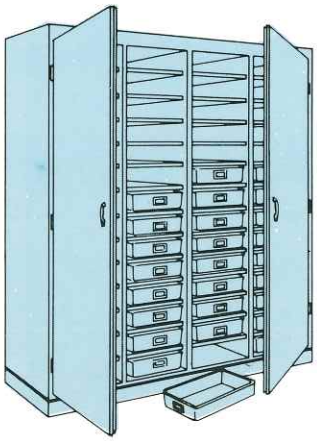
W-13583 UTILITY TABLE
Same as W-13523 except 54" x 24" x 29" high.

W-13503 UTILITY TABLE
Same as W-13523 except 72" x 42"x 29" high.



W-19021 ALL-PURPOSE TABLE
Overall size 60" x 42" x 29" high. Top of 1¼" solid hardwood. Fitted with tote tray guides. Base of solid hardwood with scuff-proof aluminum feet fitted with self-leveling glides.

STORAGE CASES



W-69100 TOTE TRAY CASE
62" L, 22" W, 82" H. Two hinged doors locked, each enclosing 24 fiberglass tote trays, 13¼" x 19½" x 4½" O.D.

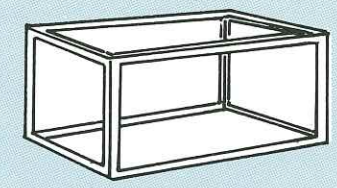
W-60060 STORAGE CASE
62" x 22" x 82" high. Hinged doors, 4 adjustable shelves, one fixed center shelf.

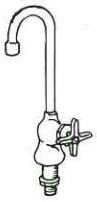
W-60100 STORAGE CASE
47" x 22" x 82" high. Hinged doors, 4 adjustable shelves, one fixed center shelf.

ACCESSORIES

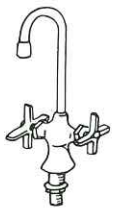
W-79005 AQUARIUM

20½" x 12½" x 16¼" high. 13½ gallon. Widely used because of its size and easy handling. May be placed on a lecture table, fixed wall counter, or preferably on the 21060 Laboratory Cart so it can be easily moved to any location for observation or servicing.





W-80000 COLD WATER



W-80100 HOT AND COLD MIXING

W-80150 COLD WATER AND DOUBLE GAS

W-80300 PANEL MOUNTED HOT AND COLD MIXING

W-80400 PANEL MOUNTED SWING SPOUT HOT AND COLD MIXING

W-80250 PANEL MOUNTED COLD WATER (Specify L.H. or R.H. as required.)

ALL FIXTURES ARE FINISHED IN SEPIA BRONZE

W-81300 SINGLE GAS/ AIR/VACUUM COCK

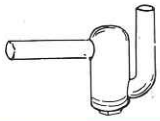
W-81310 90° ANGLE DOUBLE GAS/ AIR/VACUUM COCK

W-81320 DOUBLE 180° ANGLE AIR, GAS, VACUUM

W-81340 4-WAY AIR, GAS, VACUUM

W-81060 SINGLE AIR, GAS, VACUUM —PANEL MOUNTED

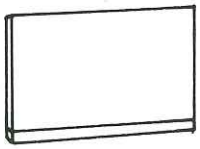
W-81080 DOUBLE AIR, GAS, VACUUM —PANEL MOUNTED



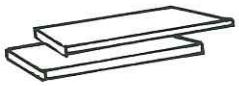
W-82260
P TRAP
1½" lead, clean-out plug and mercury cup.

W-82250
S TRAP

W-82480
PANEL MOUNTED LEAD CUP SINK

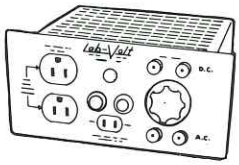


W-88500 FINISHED BACK
Finished back for annex of Total Experience tables. Northern plywood. Fastenings included.



W-88210 FILLER PANEL
35" x 9" x ¼". Two per package.

W-54670
KNEE SPACE RAIL
47" long x 4⅜" high.



W-85060
LAB VOLT

W-85101 110V ELECTRICAL RECEPTACLE BOX—PANEL MOUNTED

W-85351
SINGLE-FACED PEDESTAL BOX

W-85401
DOUBLE-SIDED ELECTRIC PEDESTAL BOX

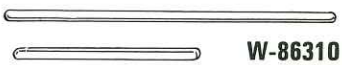
W-86210
8-TUMBLER LOCK

W-86110
NUMBER PLATE
(Available in Sets 1-160)

W-86340
UPRIGHT ROD CONNECTOR
Allows use of single arm support and crossbar. Adjustable, and locks with thumb screws.

W-86360 SINGLE ARM SUPPORT
⅝" dia. x 22" long. Aluminum.

W-86300
UPRIGHT METER ROD
⅝" dia. x one meter.

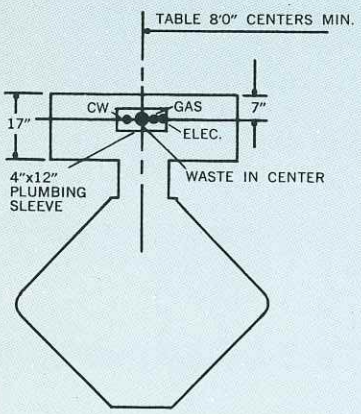


W-86310
UPRIGHT RING STAND ROD
⅝" dia. x one half meter.

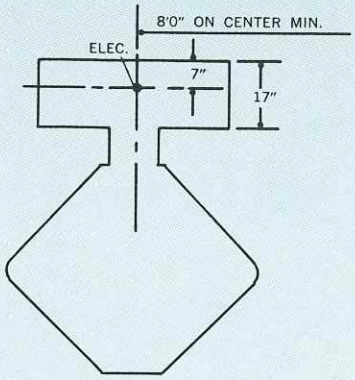
ACCESSORIES and ROUGH-IN DATA

ROUGH-IN DETAILS

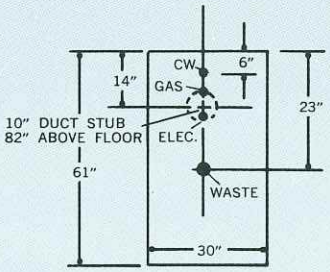
The roughing-in details shown here are a guide to the location of services required for the proper installation of Sheldon equipment. Additional details available on request.



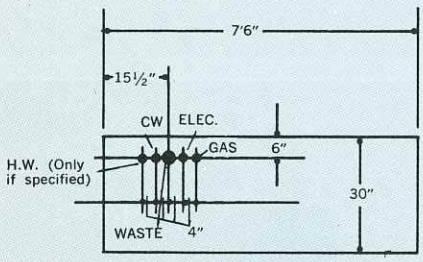
W-16353/W-16553 & W-16933
TOTAL EXPERIENCE TABLE



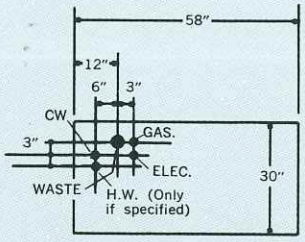
W-16540
TOTAL EXPERIENCE TABLE



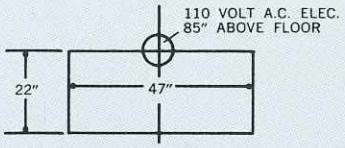
W-99501
FUME HOOD



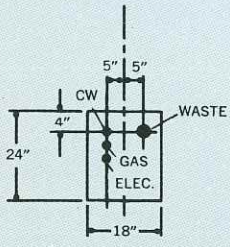
W-20251
DEMONSTRATION TABLE



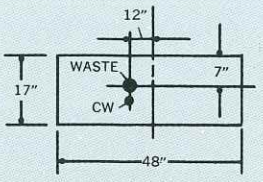
W-20101
DEMONSTRATION TABLE



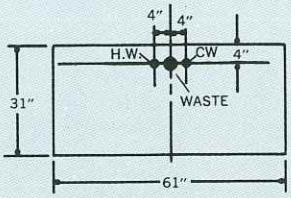
W-29800
CHALKSCREEN PROJECTION CENTER



W-75351 & W-75401
SERVICE CENTER



W-75101
WORK SINK



W-75513
WALL SINK

INDEX OF PRODUCT NUMBERS

As a time-saving aid in locating Sheldon 30-Day Delivery Products covered in this catalog *by product number,* use this index. Each individual product or accessory, as well as product assemblies, will have a 5-digit number prefixed by the letter "W". This index will prove especially helpful when workprints, blueprints, or room layouts show products by number only.

Product Number	Description	Refer to Page
W-13503	4-Student Utility Table	5
W-13523	Utility Table	5 21
W-13583	Utility Table	5 21
W-15001	Discovery Work Center	11
W-16353	Total Experience Chemistry Table	1
W-16540	Total Experience Physics Table	3
W-16553	Total Experience Chemistry Table	1
W-16800	Total Experience Biology Table	5
W-17540	Contact Work Center	9
W-18945	Sketch Bench - Easel	15
W-19010	4-Student Physics Table	4
W-19021	All Purpose Table	15 17 21
W-19062	Student Math Table	12
W-19316	Sewing Center	17
W-19110	All Purpose Table	5 21
W-20101	Demonstration Table	14
W-20130	Desk Section	14
W-20251	Demonstration Table	14
W-21045	Demonstration Cart	14 18
W-21060	Laboratory Cart	14
W-21070	Open Cart	7
W-21171	Roll-A-Way Cabinet	14
W-22220	Visual Aider	13
W-27220	Paper Storage	15
W-27375	Island Ceramics Center	17
W-29800	Chalkscreen Projection Center	13
W-31120	Porta-Plant Study Center	8
W-31310	Bio-Marine Study Center	8
W-31405	Climatarium II	7
W-31440	Animal Study Center	8
W-31530	Climatarium I	7
W-31700	Clay Cart	16
W-36000	Base Cabinet	20
W-36010	Base Cabinet	20
W-36200	Base Cabinet	20
W-36210	Base Cabinet	20
W-36510	Base Cabinet	20
W-37000	Base Cabinet	20
W-43005	Science Work Center	1
W-54670	Knee Space Rail	23
W-59600	Upper Cabinet	20
W-59700	Upper Cabinet	20
W-60060	Storage Case	21
W-60100	Storage Case	21
W-63000	Microscope Case	5
W-69100	Tote Tray Case	18 21
W-75101	Science Work Sink	20
W-75117	Science Work Sink	20
W-75351	Island Sink	9
W-75411	Island Sink	4
W-75513	Wall Sink	20
W-76180	Art Sink Center	16
W-76198	Sink Center	16
W-79005	Aquarium	22
W-80000	Cold Water Fixture	22
W-80100	Hot and Cold Water Fixture	22
W-80150	Cold Water and Double Gas	22
W-80250	Cold Water Fixture	22
W-80300	Hot & Cold Water-Mixing Fixture	22
W-80400	Swing Spout - Hot & Cold	22
W-81060	Single Air/Gas/Vacuum Cock	22
W-81080	Double Air/Gas/Vacuum Cock	22
W-81300	Single Gas/Air/Vacuum Cock	22
W-81310	Double Air/Gas/Vacuum Cock	22
W-81320	Double Air/Gas/Vacuum Cock	22
W-81340	Air/Gas/Vacuum Cock	22
W-82250	S Trap	23
W-82260	P Trap	23
W-82480	Lead Cup Sink	23
W-82800	Plaster Trap	16
W-85060	Lab Volt	23
W-85101	Electrical Receptacle Box	23
W-85351	Single-Faced Pedestal Box	23
W-85401	Double-Sided Pedestal Box	23
W-86110	Number Plate	23
W-86210	8-Tumbler Lock	23
W-86300	Upright Meter Rod	23
W-86310	Upright Ring Stand Rod	23
W-86340	Upright Rod Connector	23
W-86360	Single Arm Support	23
W-88095	Shelstone Top & Curb	19
W-88096	Shelcraft Top & Curb	19
W-88097	Shelstone Top & Curb	19
W-88098	Shelcraft Top & Curb	19
W-88100	Shelstone Top & Curb	19
W-88101	Shelcraft Top & Curb	19
W-88102	Shelstone Top & Curb	19
W-88103	Shelcraft Top & Curb	19
W-88210	Filler Panel	23
W-88496	Applied End Panel	19
W-88500	Finished Back Panel	23 19
W-91272	General Purpose Fume Hood	1
W-99501	Peninsula Type Fume Hood	1
W-99711	Glazing Bar	17

E. H. SHELDON EQUIPMENT CO.

MUSKEGON, MICHIGAN 49443

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